

FIG. 2a

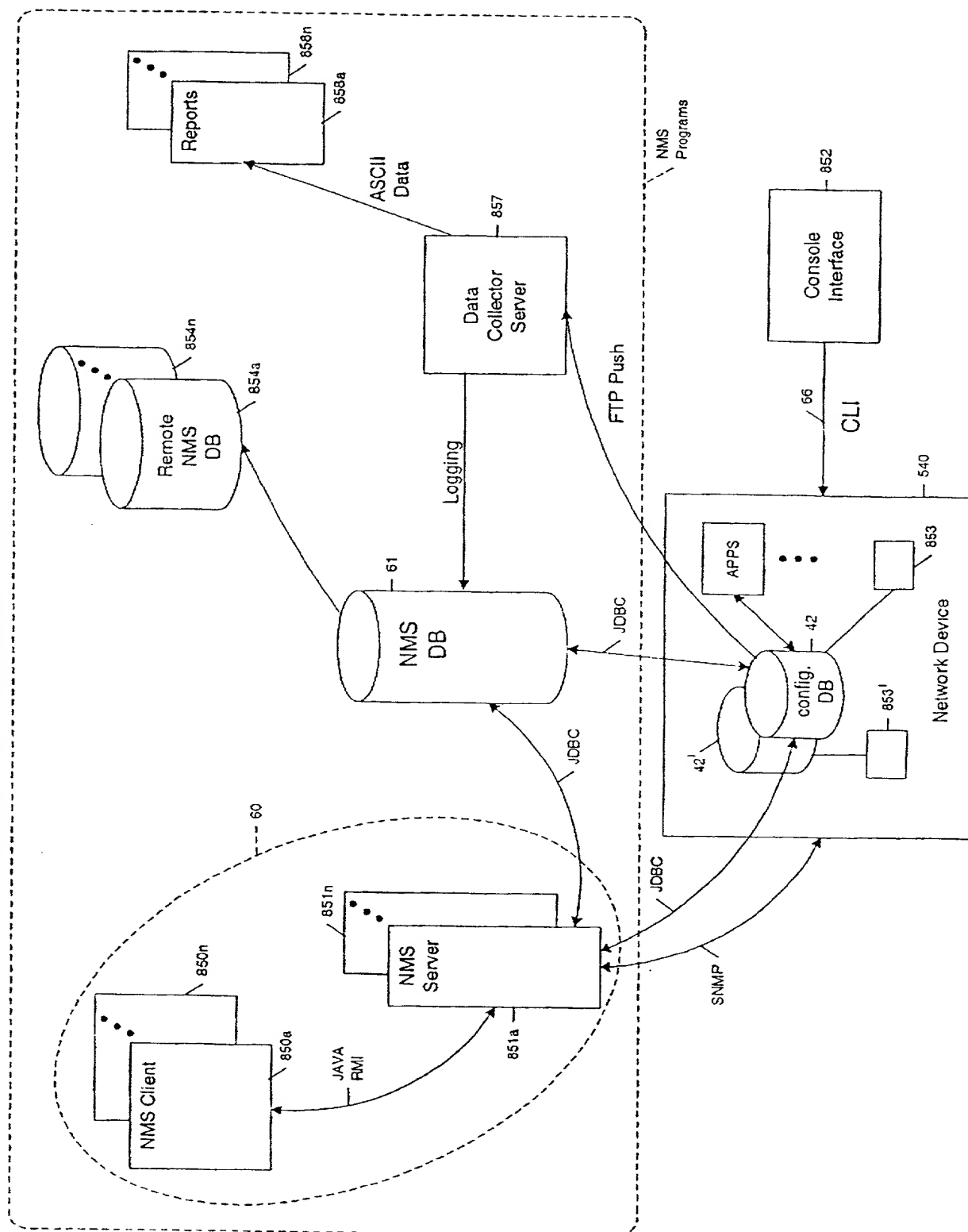


Fig. 2b

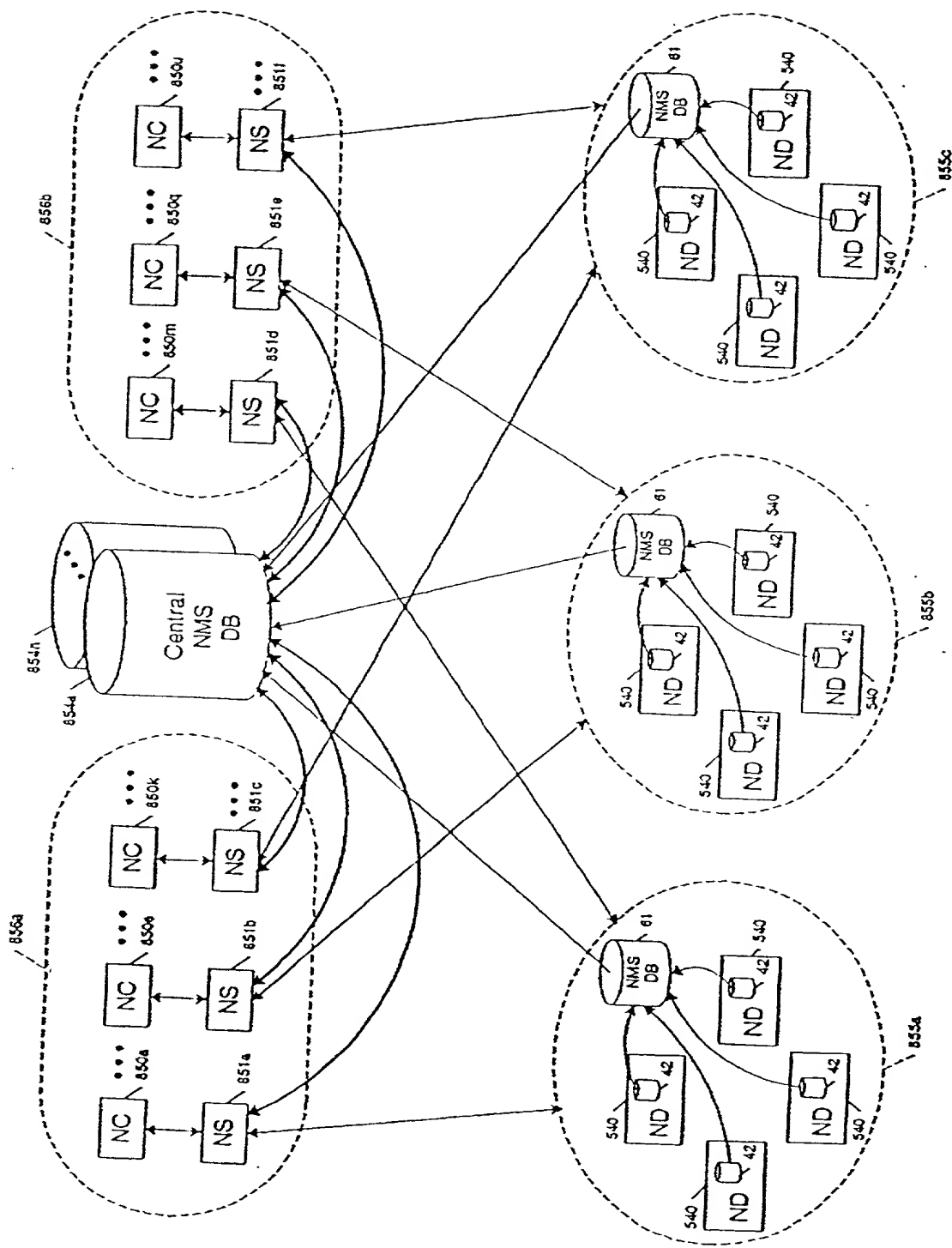


FIG. 3a

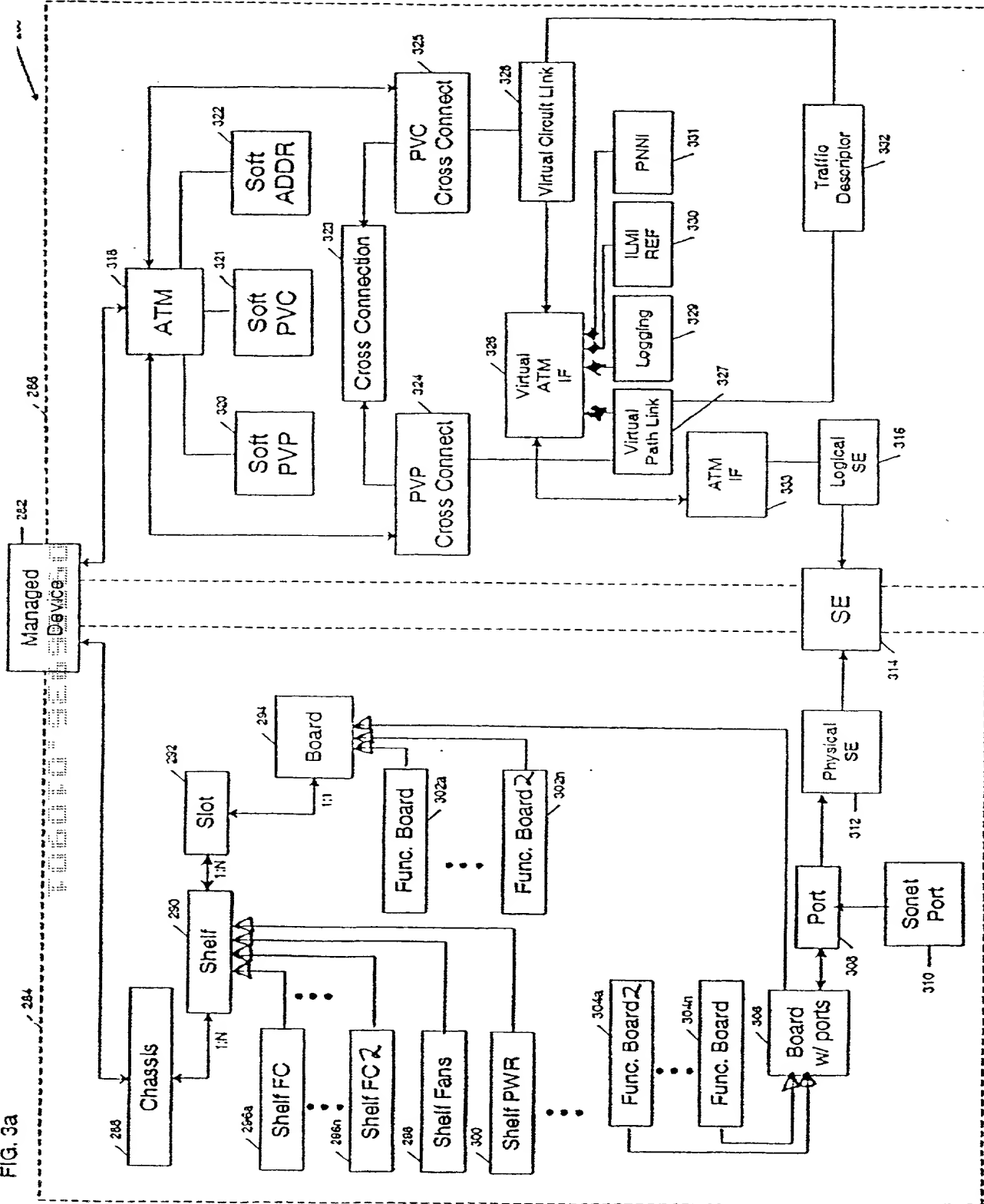


FIG. 3b

FIG. 3b

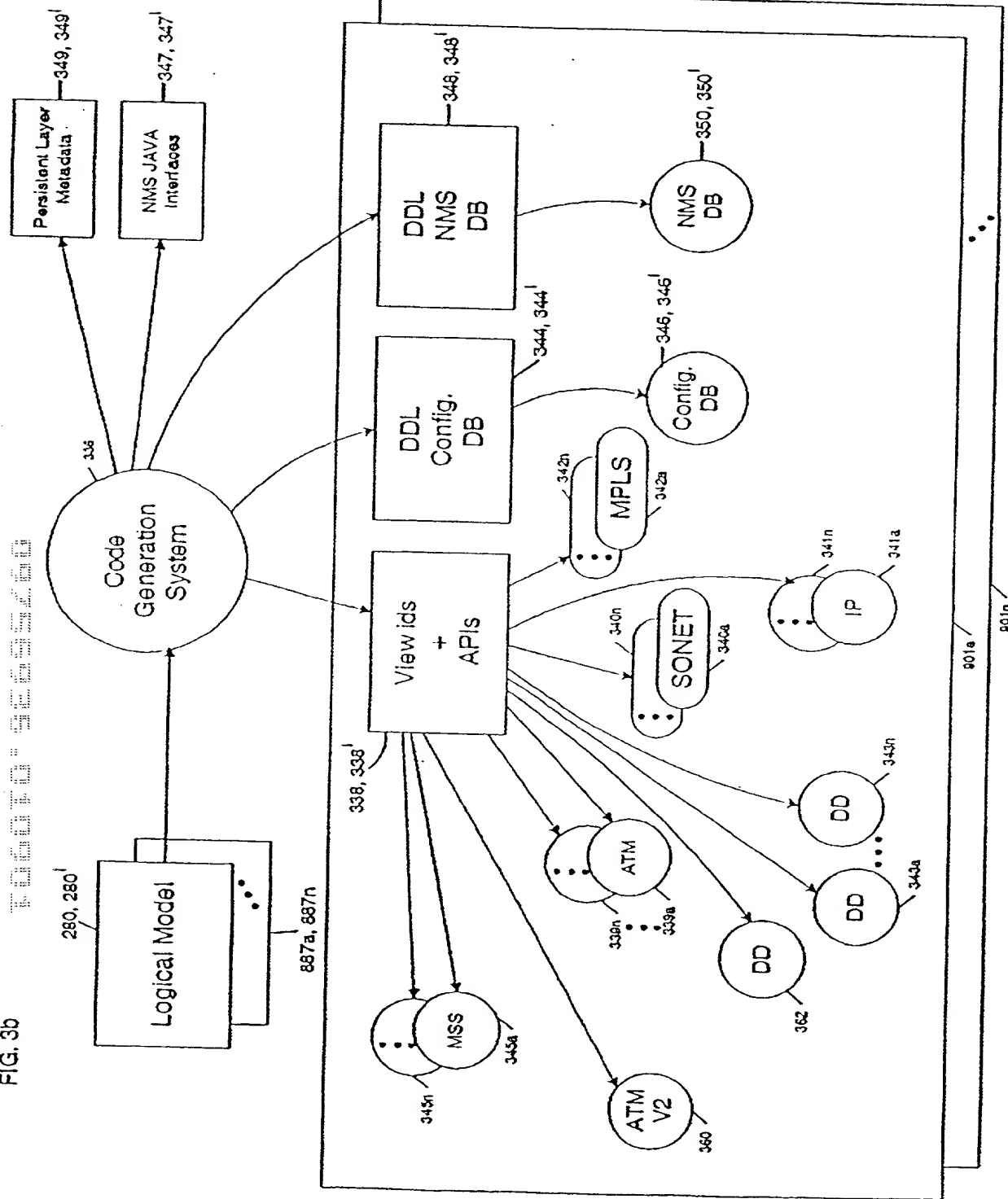


FIG. 3C

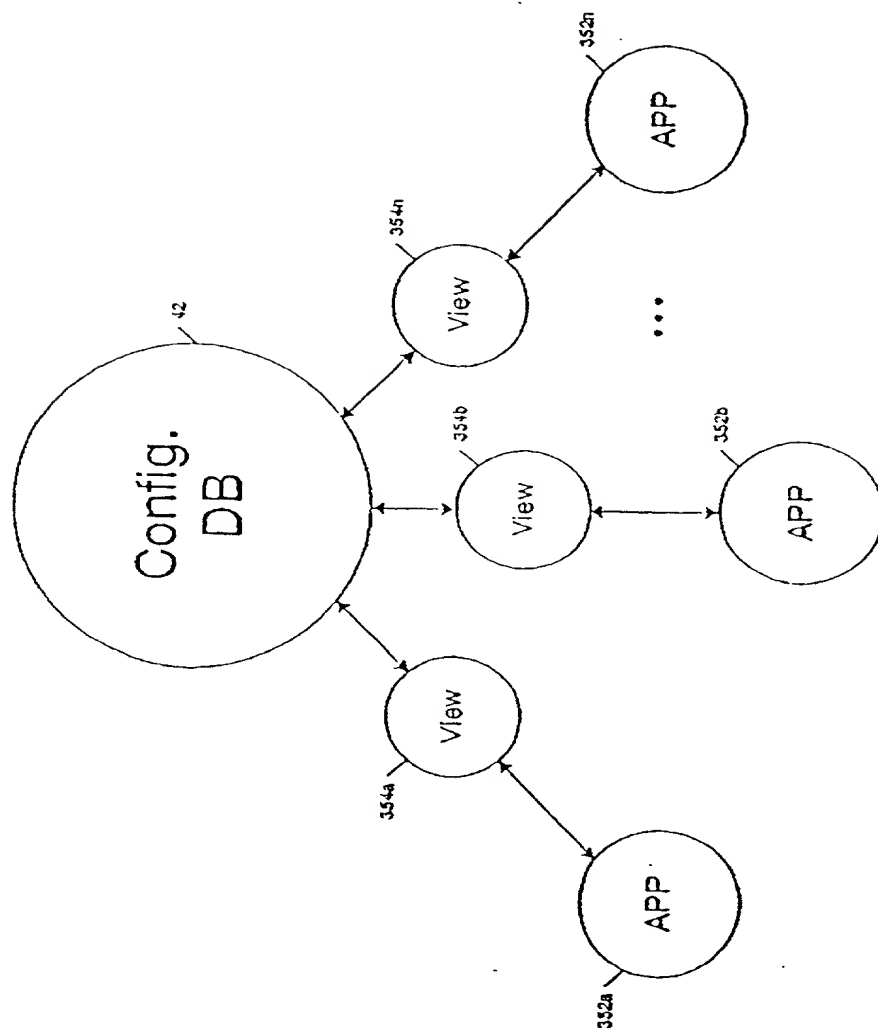
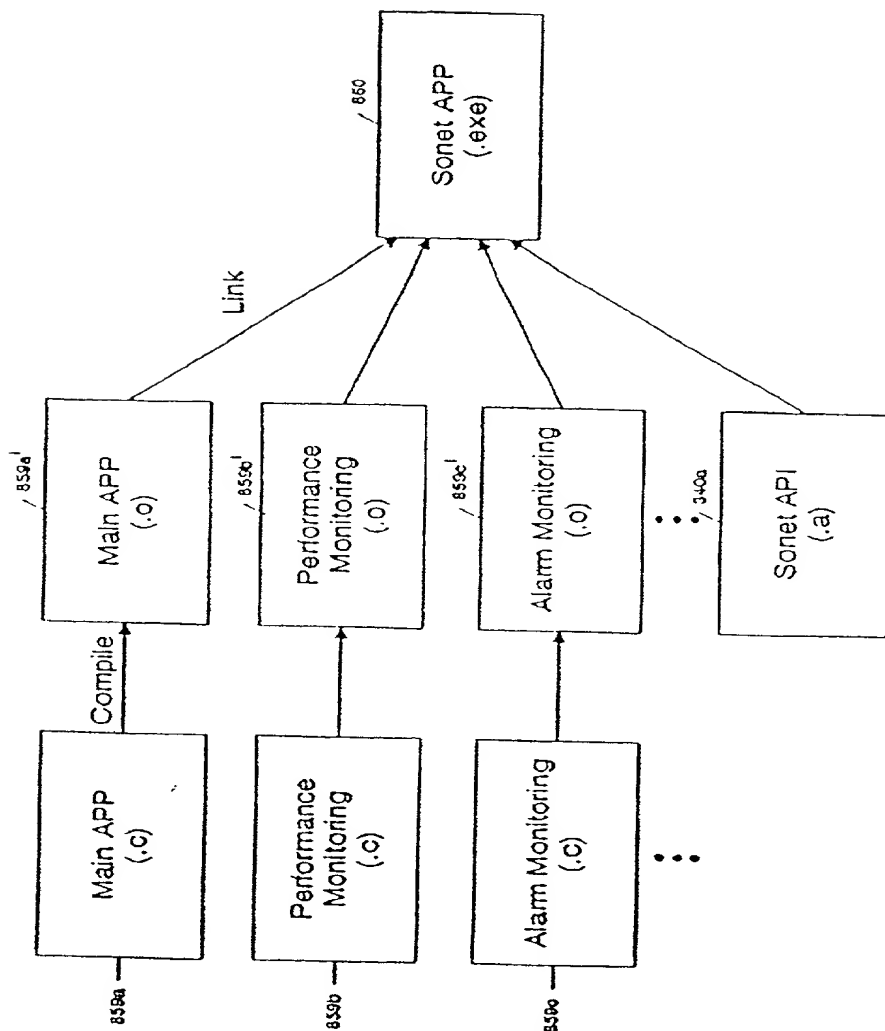


Fig. 3d

FIG. 3d

Build SONET Application



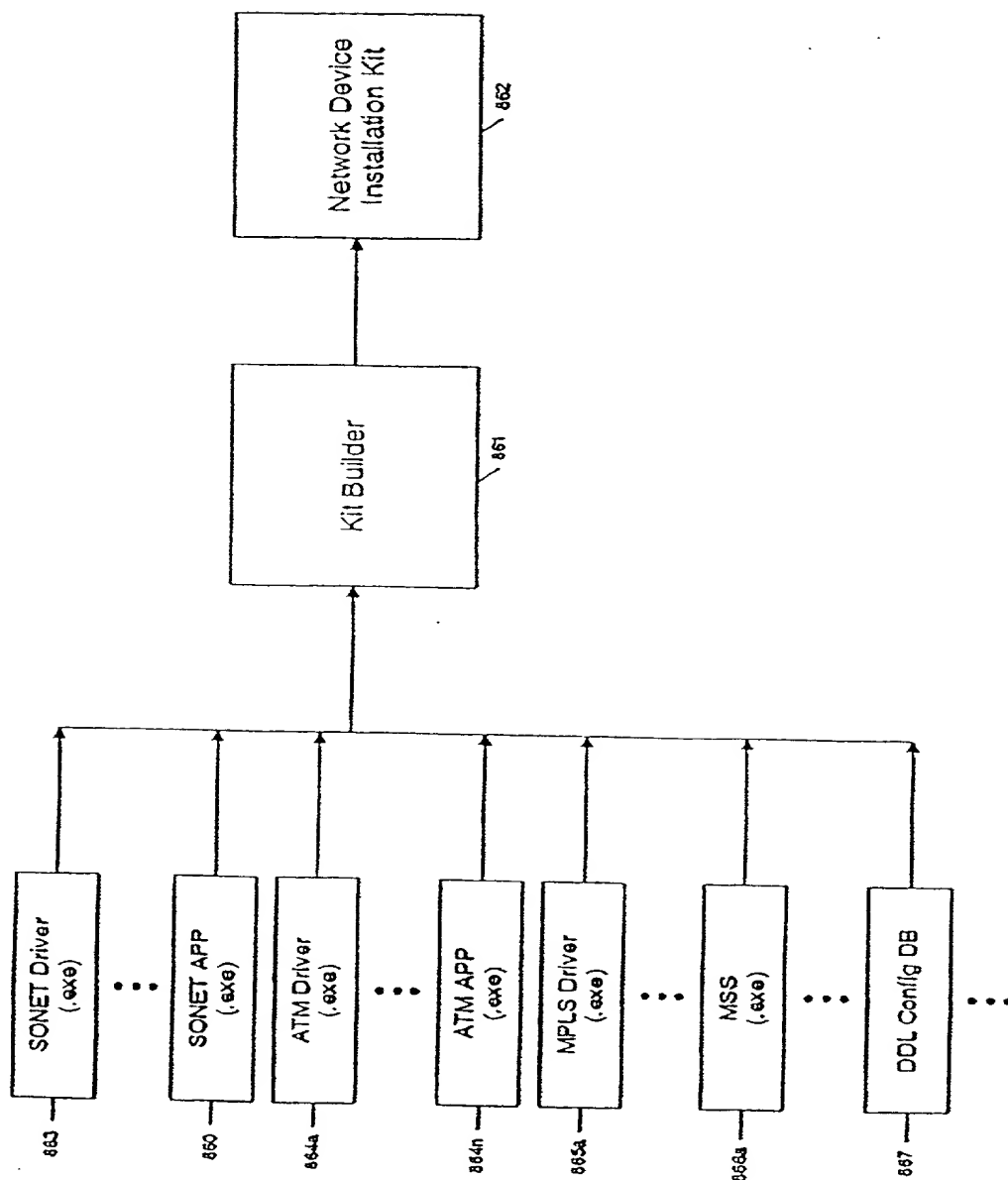


FIG. 3F

Fig. 3F

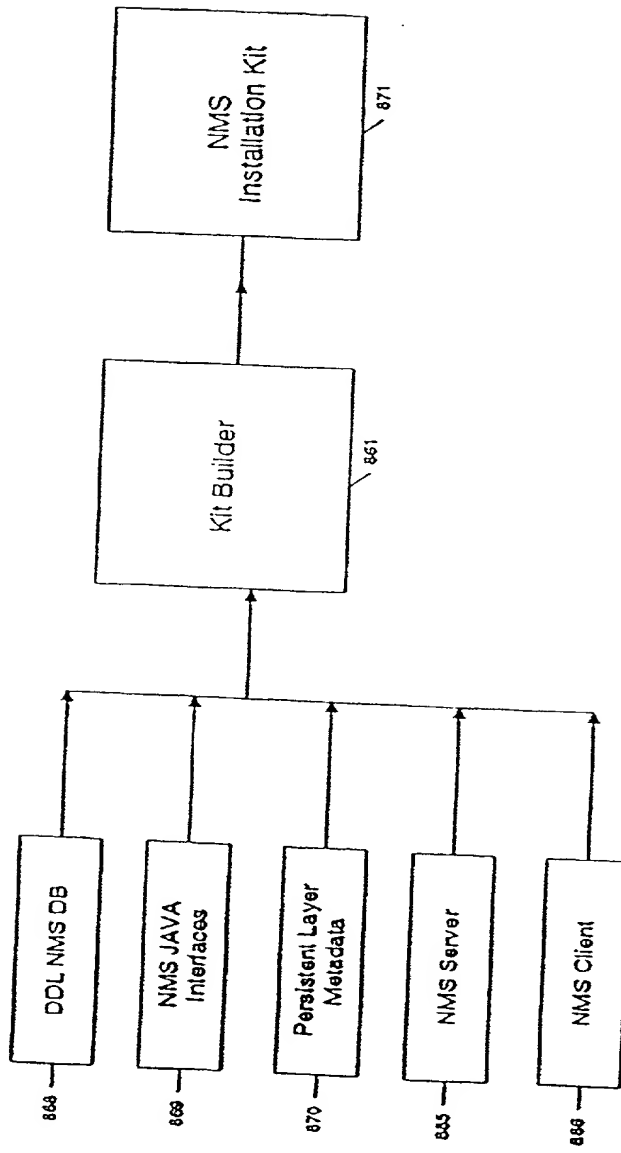


Fig. 3g

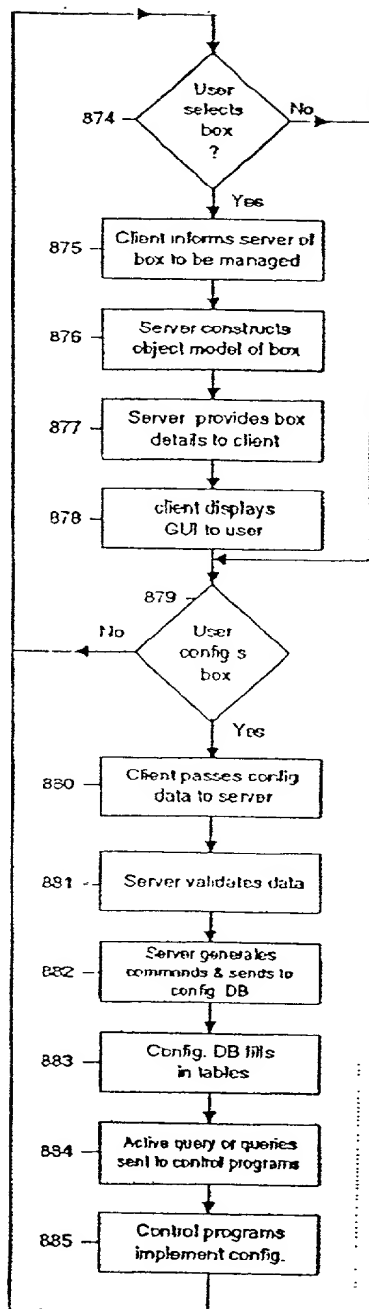


Fig. 3h

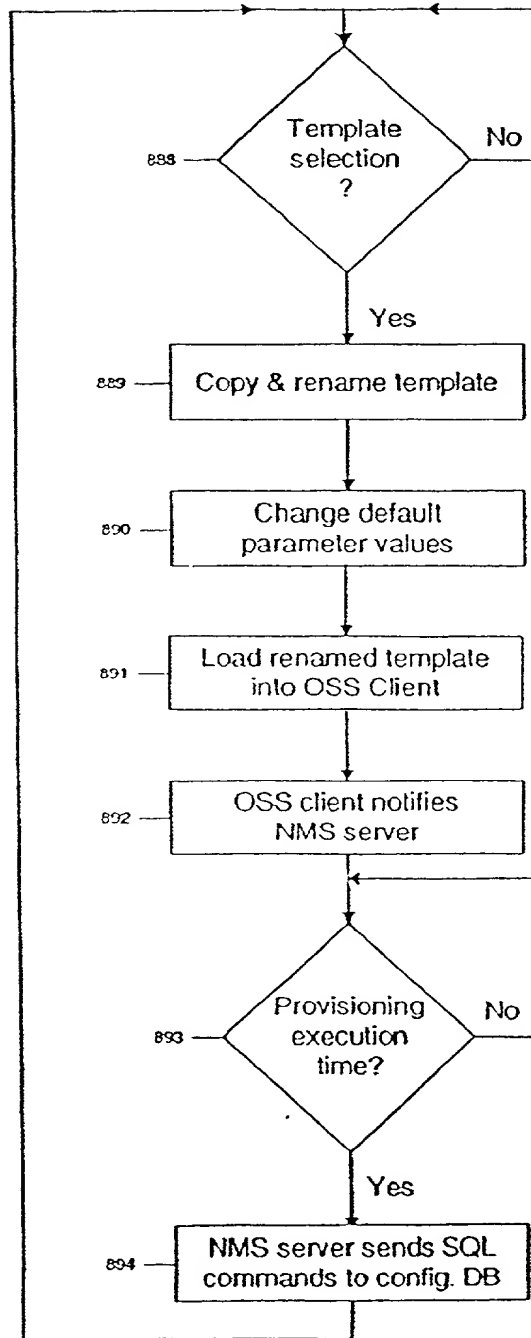
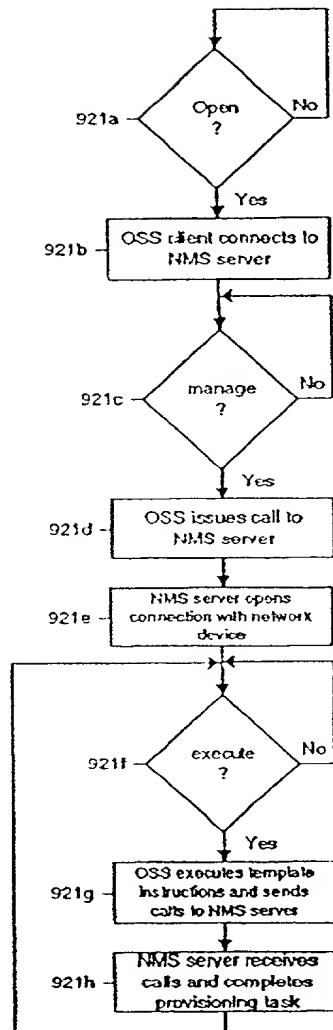


Fig. 3j



Downloaded from ascelibrary.org by Seattle University on 06/01/15

[illegible][illegible]

Fig. 3L

← 924 BATCH.

Operant=BATCH

Operator=Execute

Version=VI_1_0_0

924a — Task1=execute-SPATH

924b — Task2=execute-PVC

924c — Task3=execute-SPVC

924d — Task4=load-SPVC-spvc1

924e — Task5=execute-SPVC

924f — Task6=load-SPVC-spvc2

924e — Task7=execute-SPVC

.

.

.

924g — Task50=set-SPATH-PortID-3

924h — Task51=execute-SPATH

924i — Task52=set-SPATH-SlotID-2

924j — Task53=execute-SPATH

924k
924l
924m
924n
924o
924p
924q
924r
924s
924t
924u
924v
924w
924x
924y
924z

← 925

Operant=BATCH

Operator=Execute

Version=V1_1_0_0

925a—Task1=execute-CONTROL

925b—Task2=execute-SPATH

925c—Task3=set-SPATH-PortID-3

925d—Task4=execute-SPATH

925e—Task61=set-CONTROL-System-192.168.9.201

925f—Task62=execute-CONTROL

925g—Task63=execute-SPATH

925h—Task108=close

925i—Task109=set-CONTROL-Server-Server1

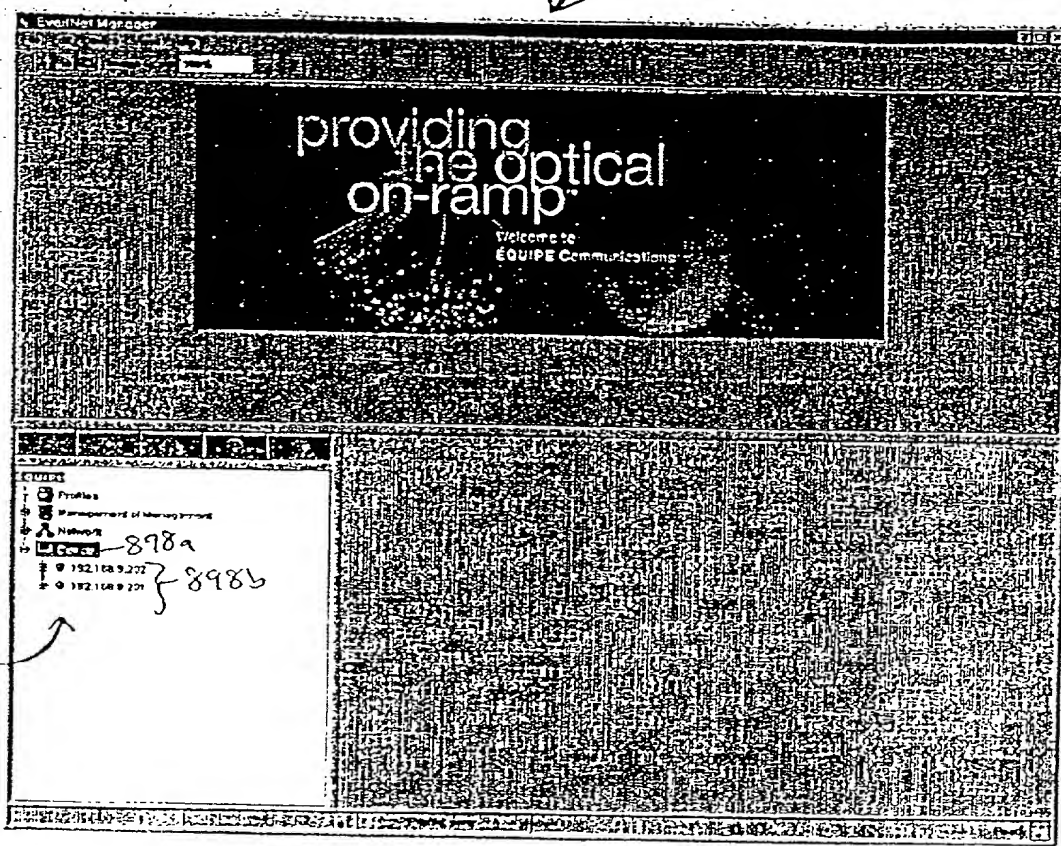
925j—Task110=set-CONTROL-System-192.168.8.200

925k—Task111=execute-CONTROL

925l—Task112=execute-SPATH

Fig. 3M

895



898

Fig. 4a

895

898a

898

898c

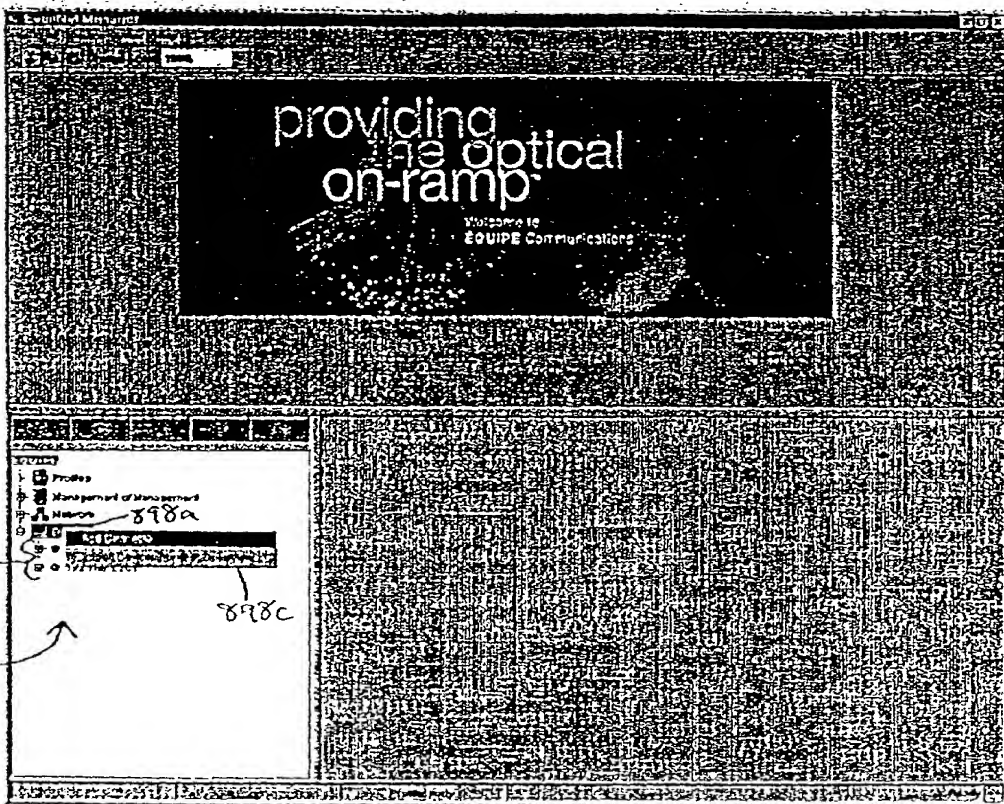
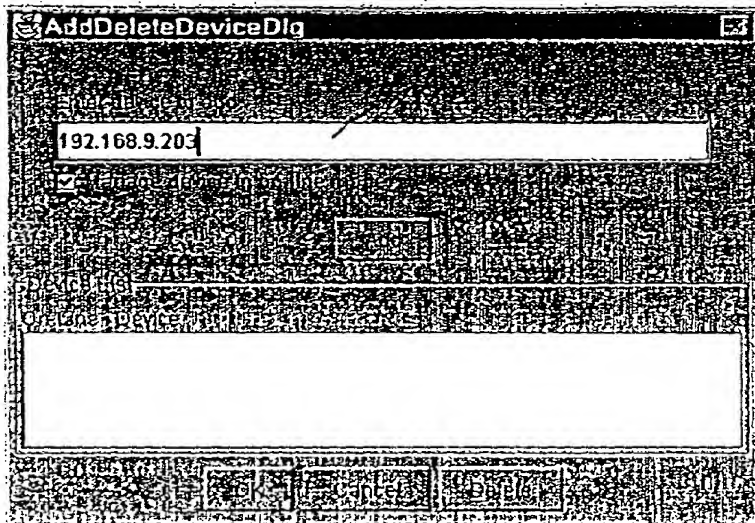


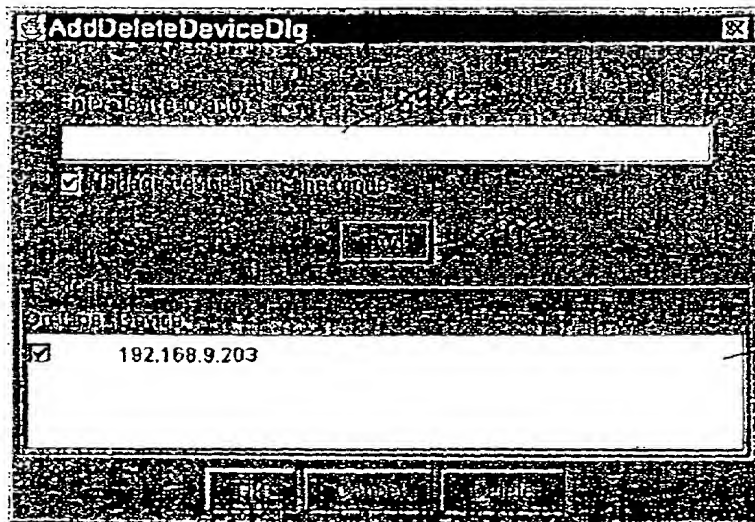
Fig. 4b

Fig. 4c



898d

Fig. 4d



898d

898g

898j

898i

898h

895

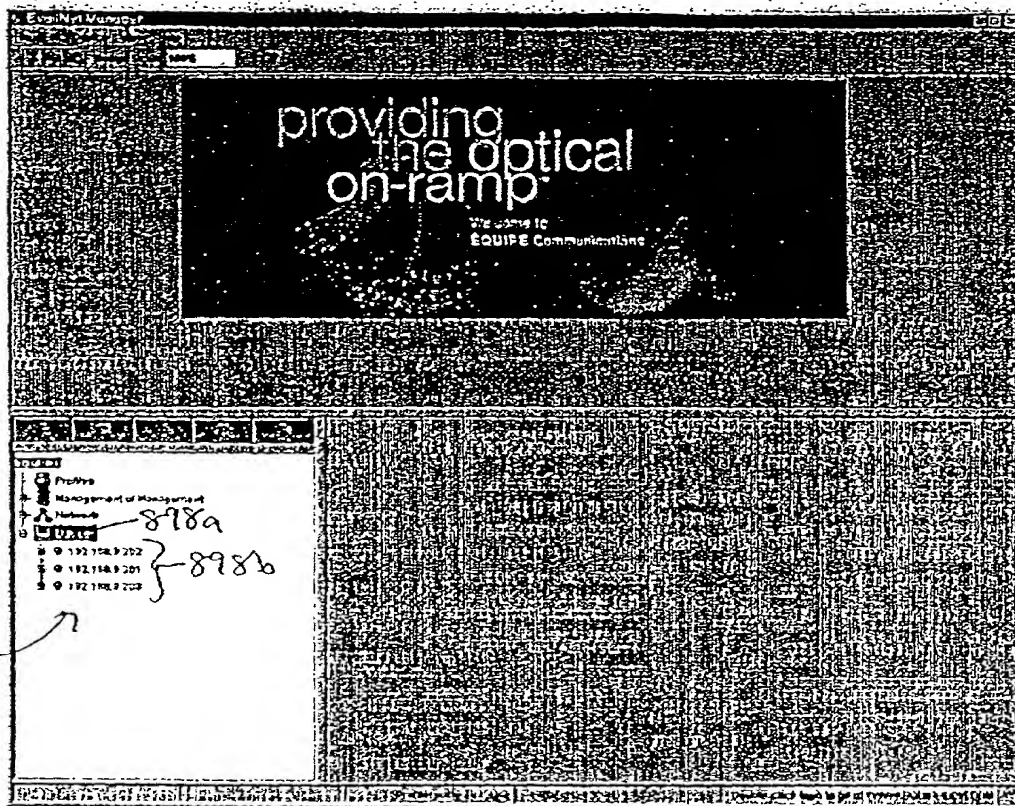


Fig. 4e

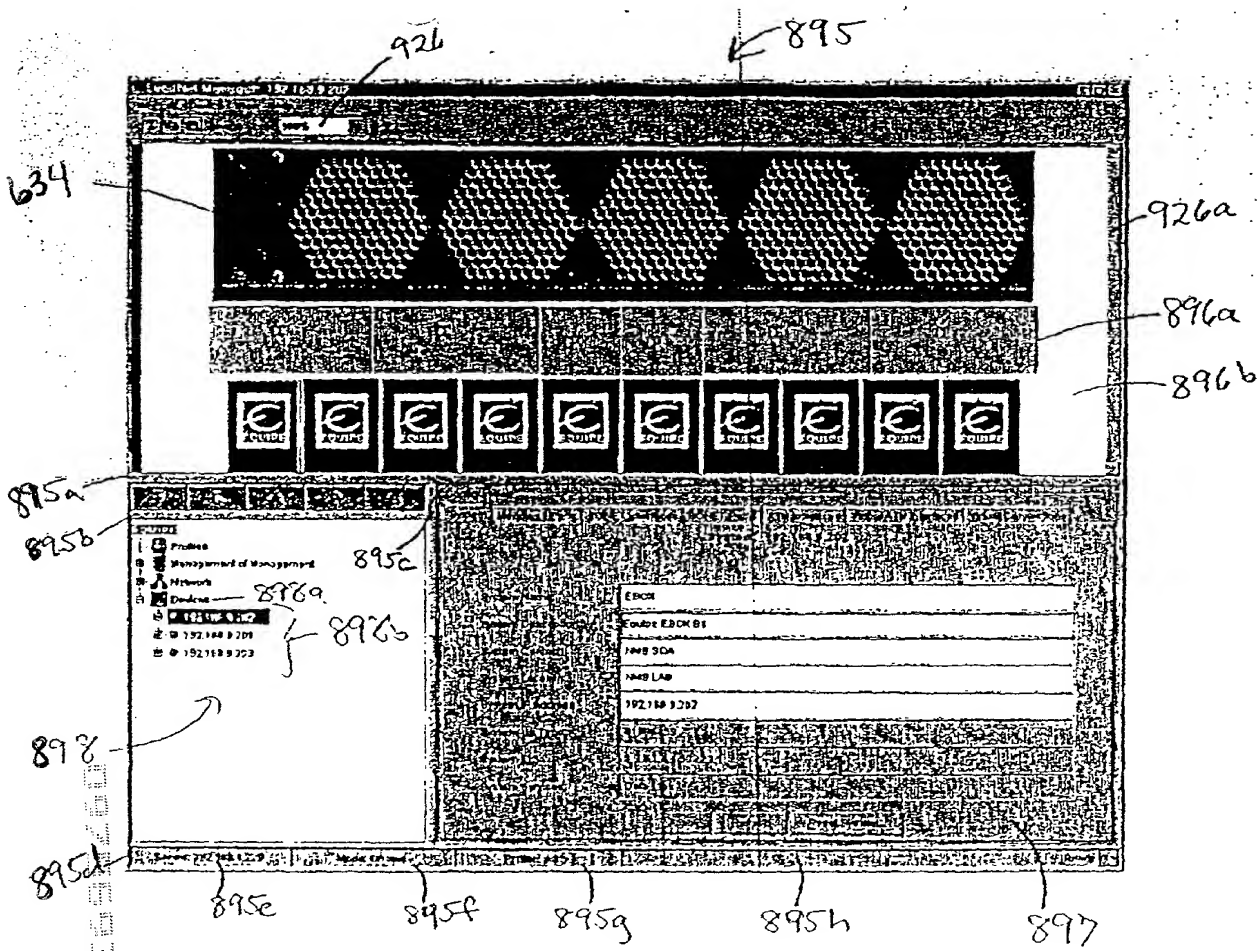


Fig. 4f

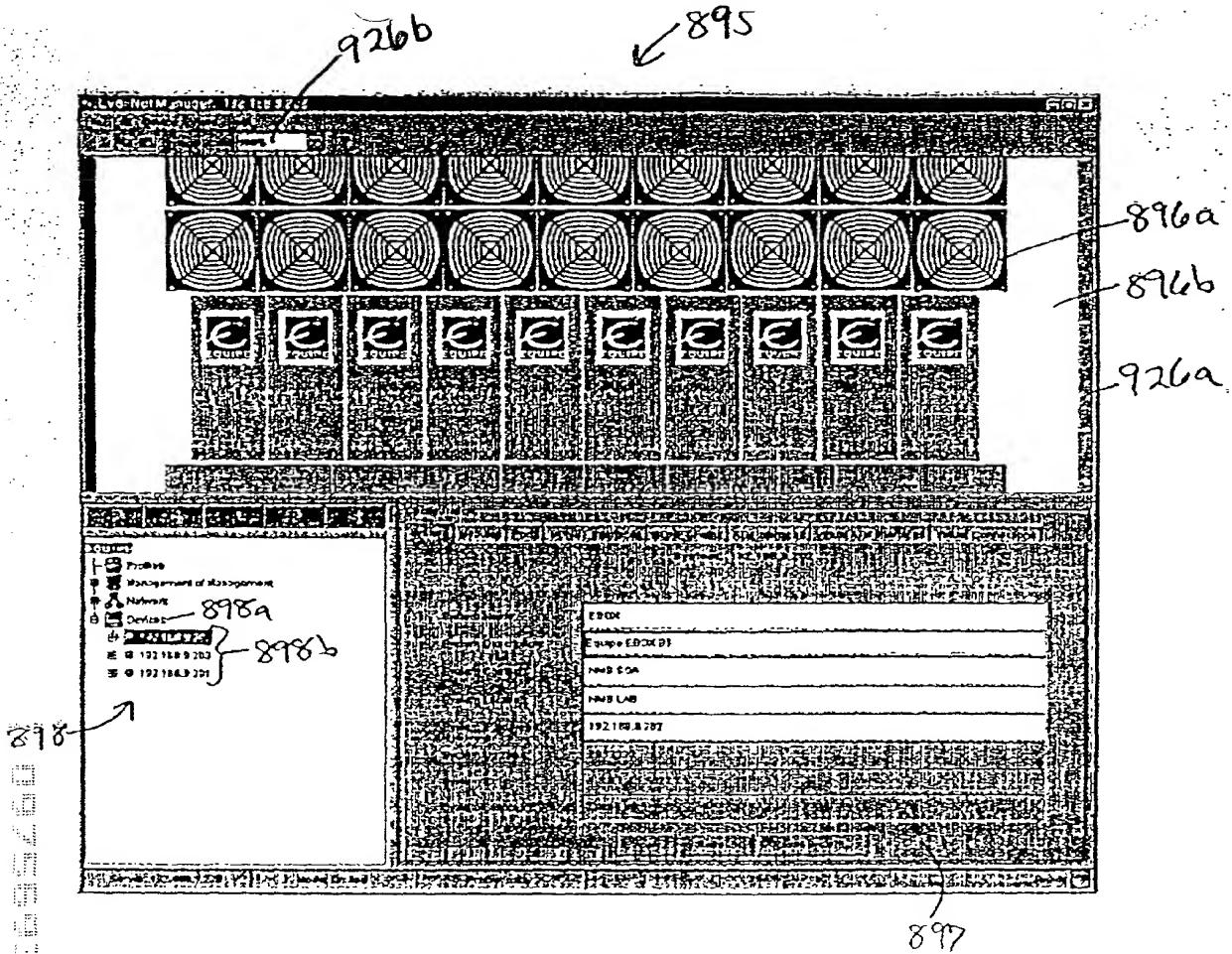


Fig. 4g

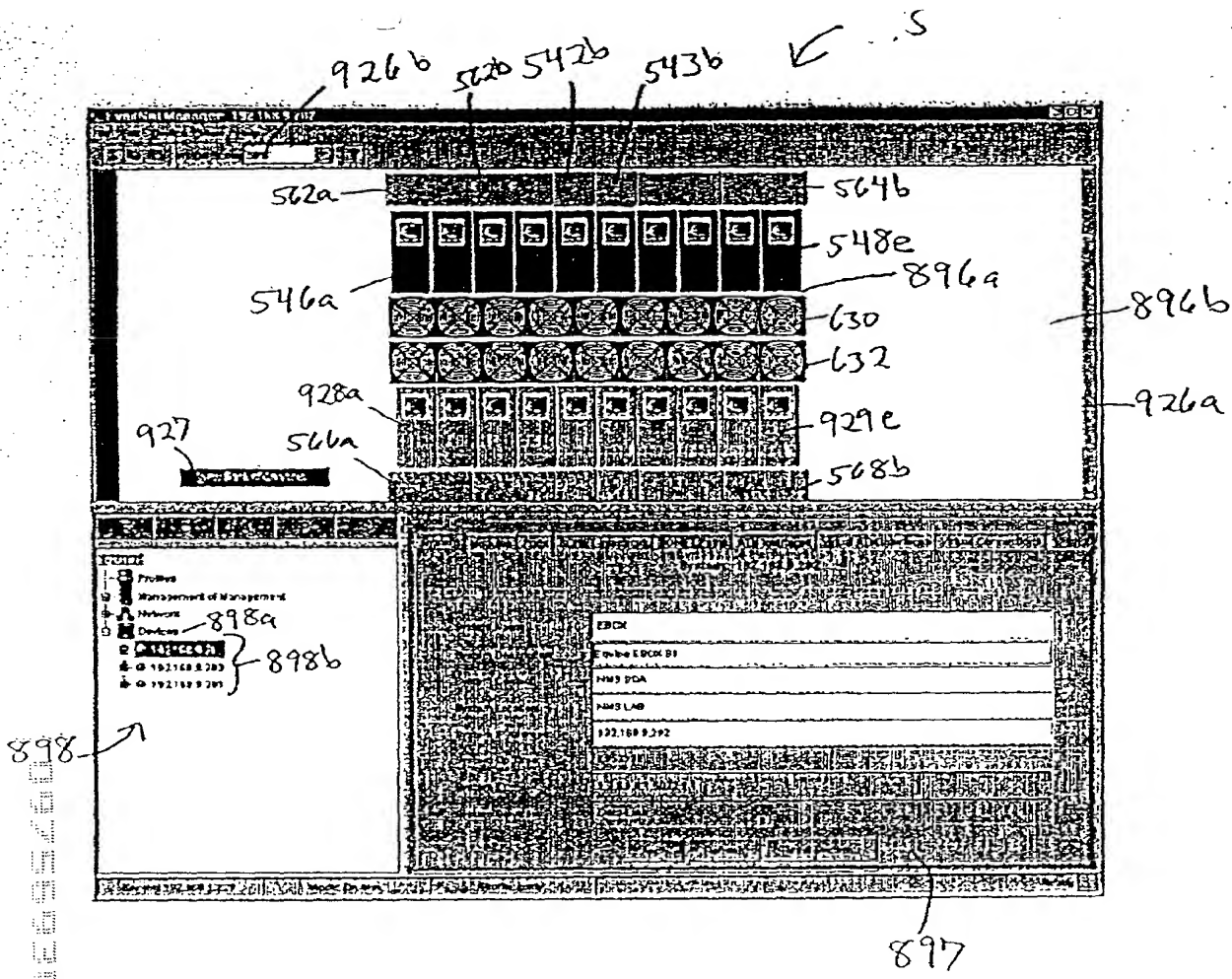


Fig. 4h

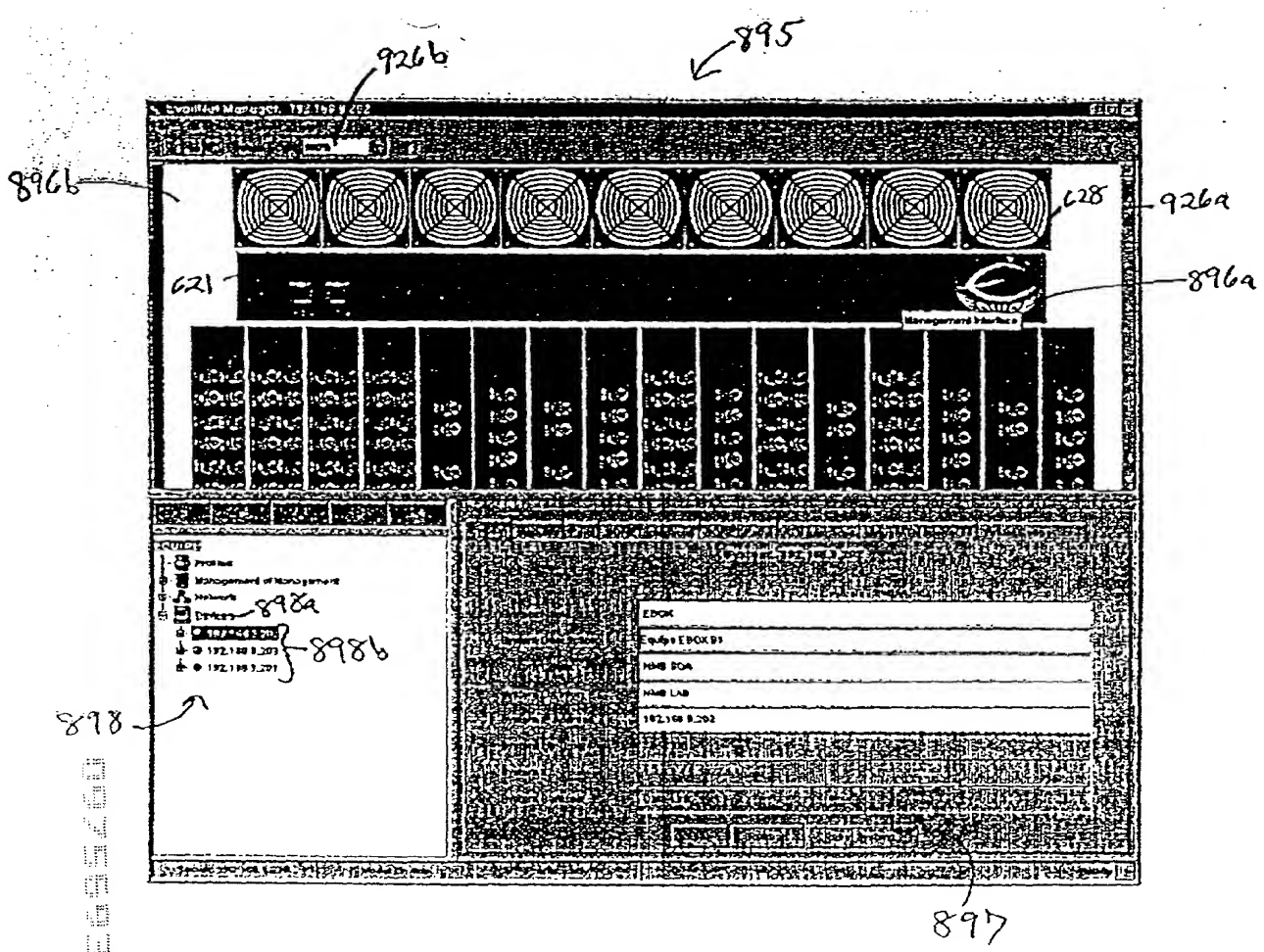


Fig. 4i

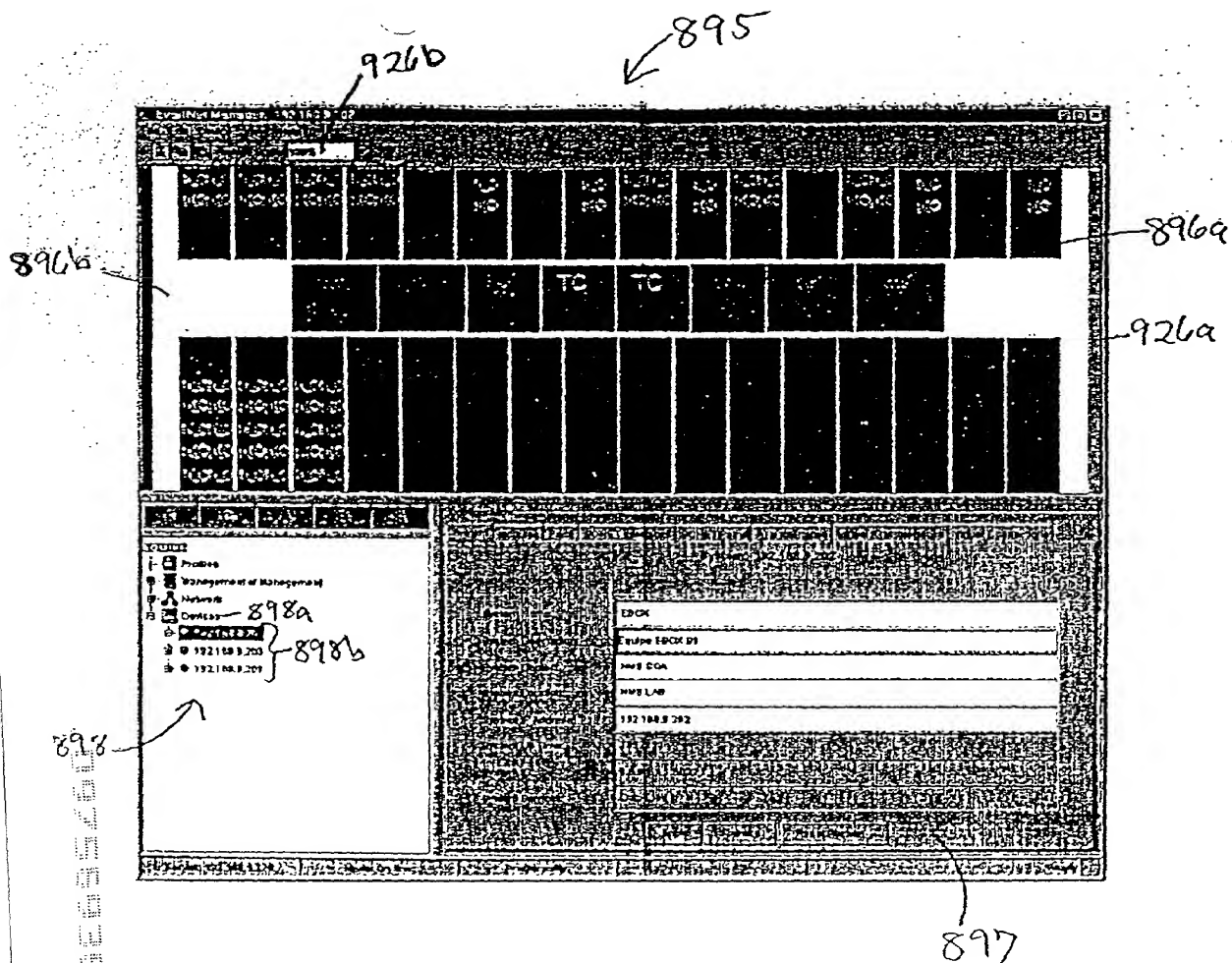


Fig. 4j

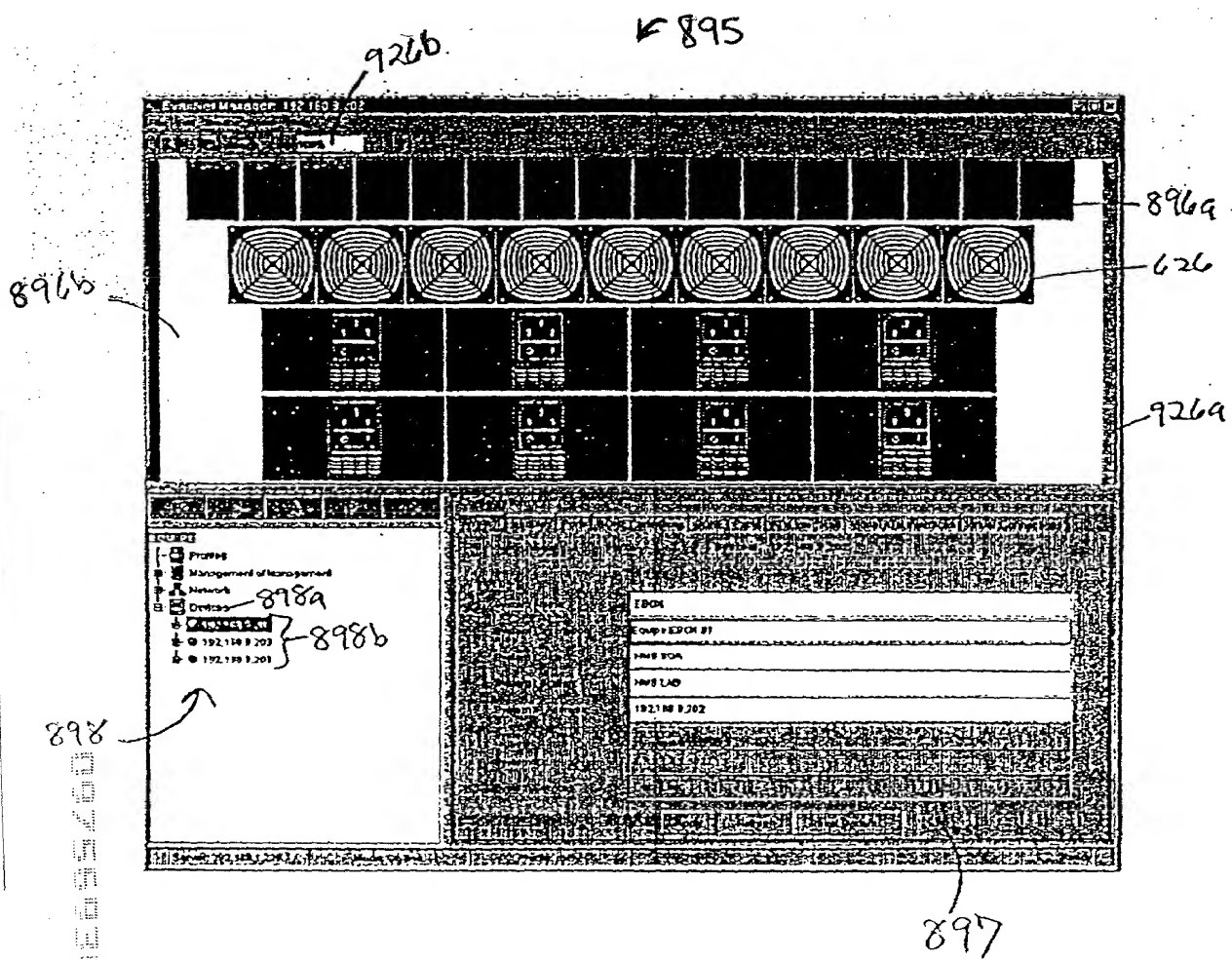


Fig. 4K

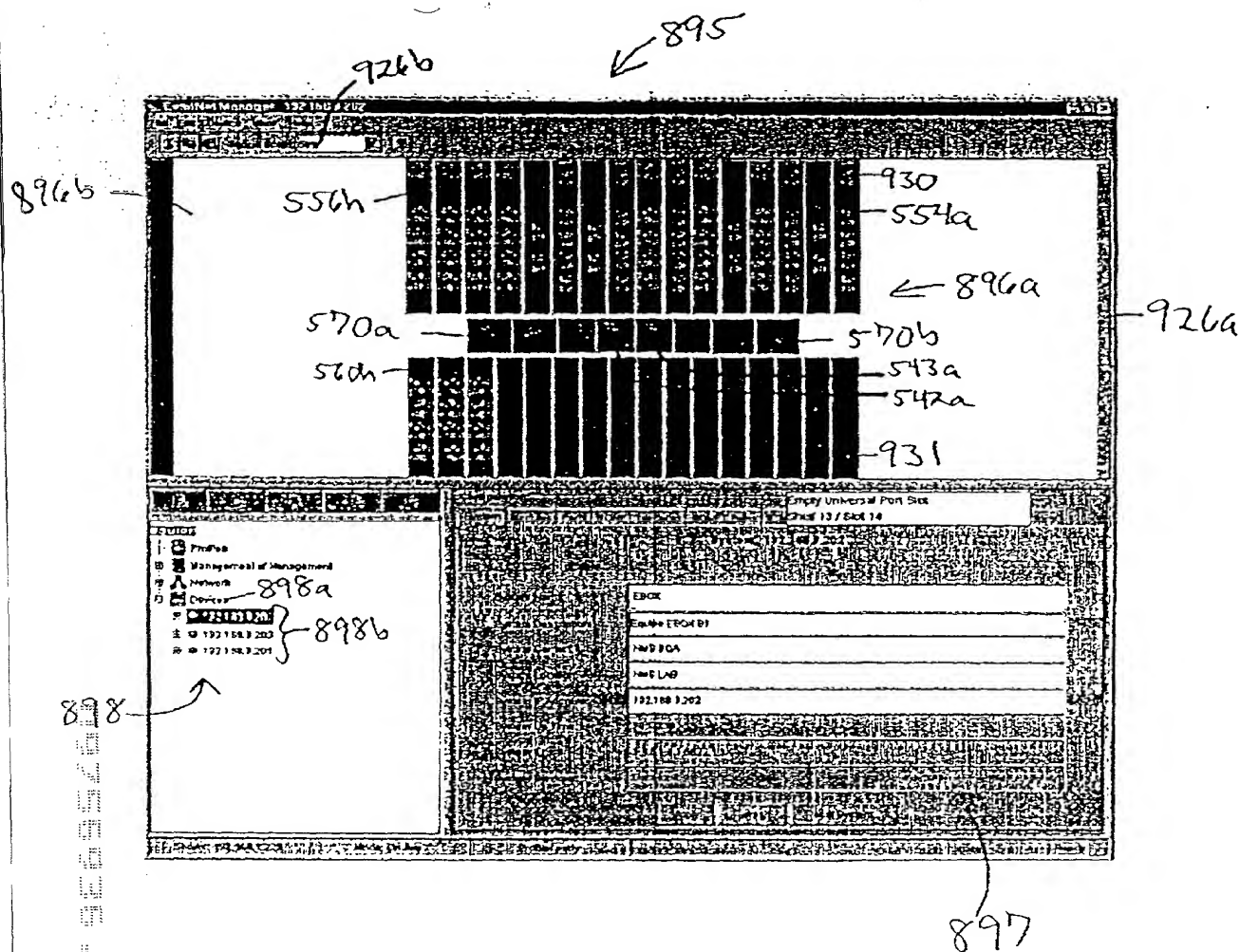
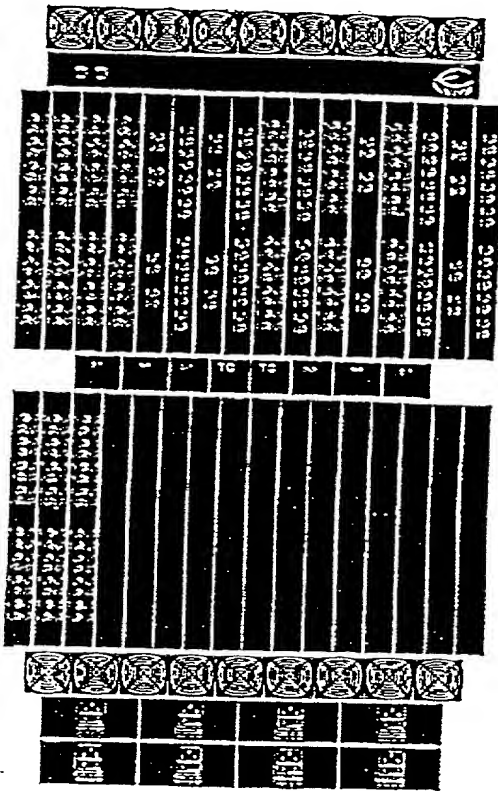
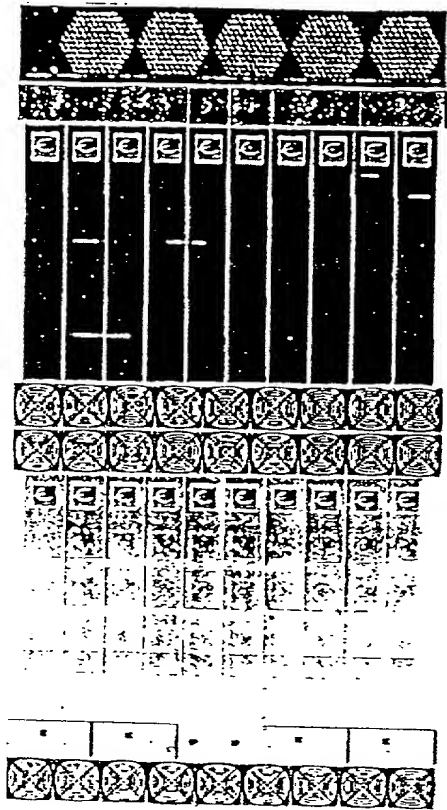


Fig. 4L

955



955a

955b

Fig. 4n

00756936-01000

00765936:040004

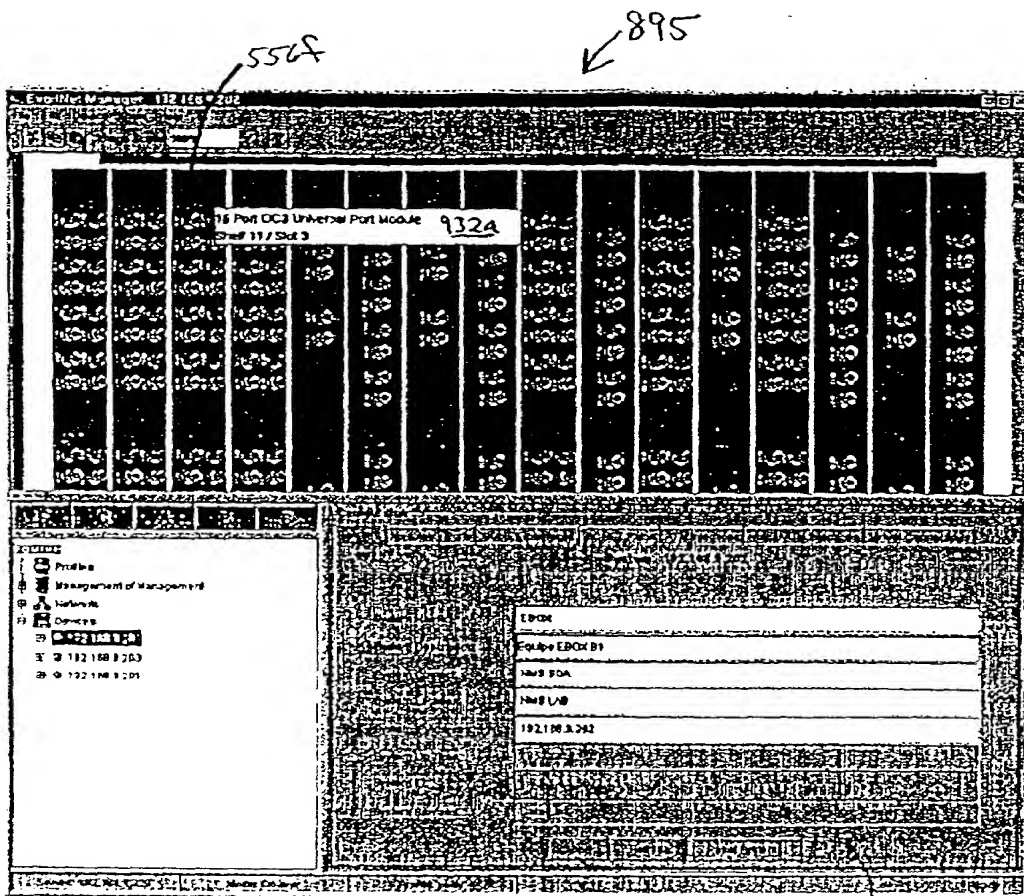
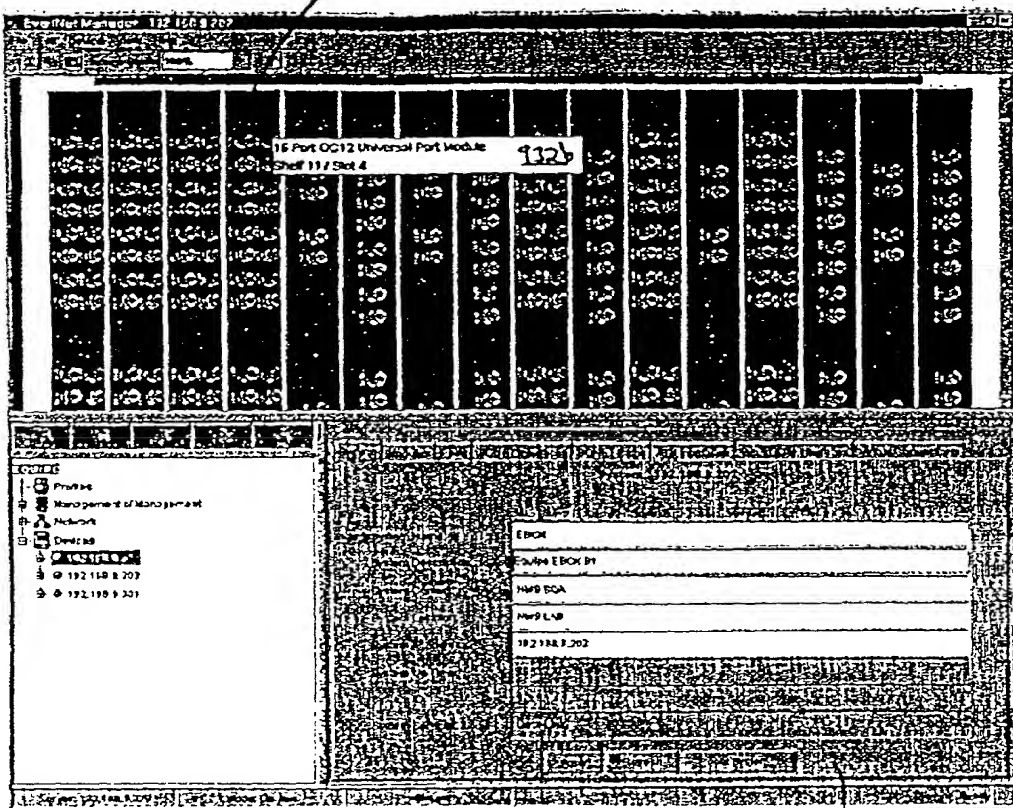


Fig.40

00756926-010901



00766936 040901

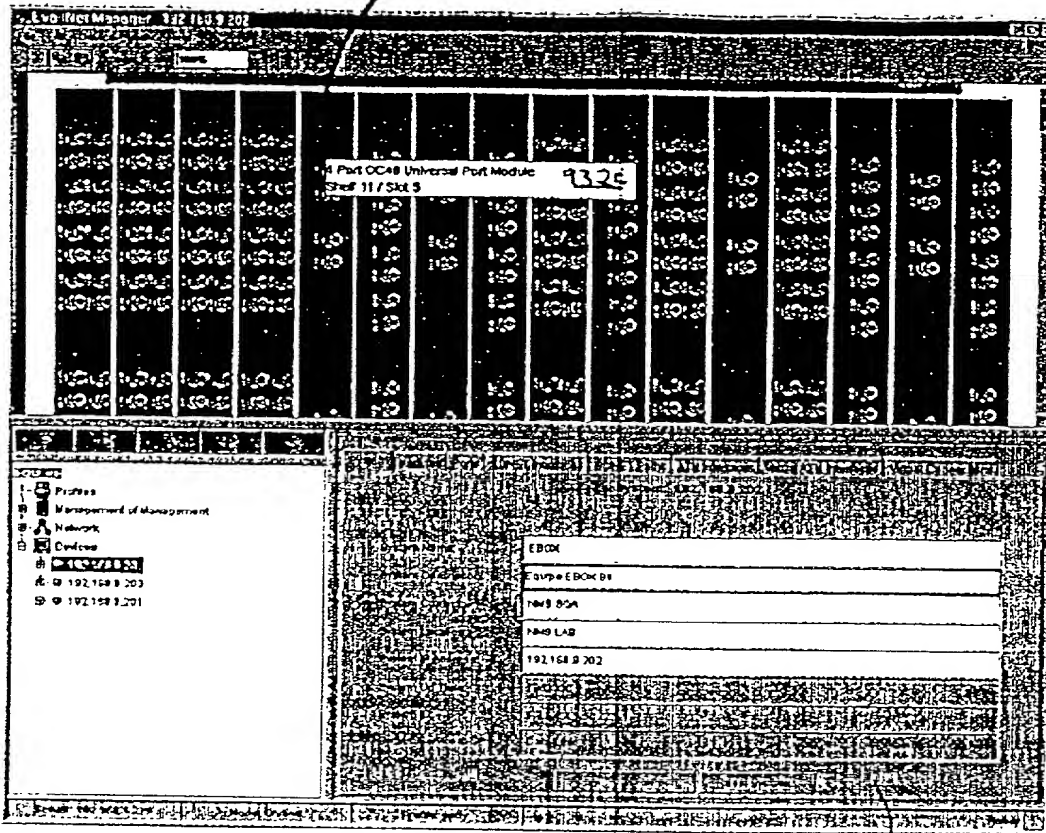


Fig. 4g

897

[illegible]

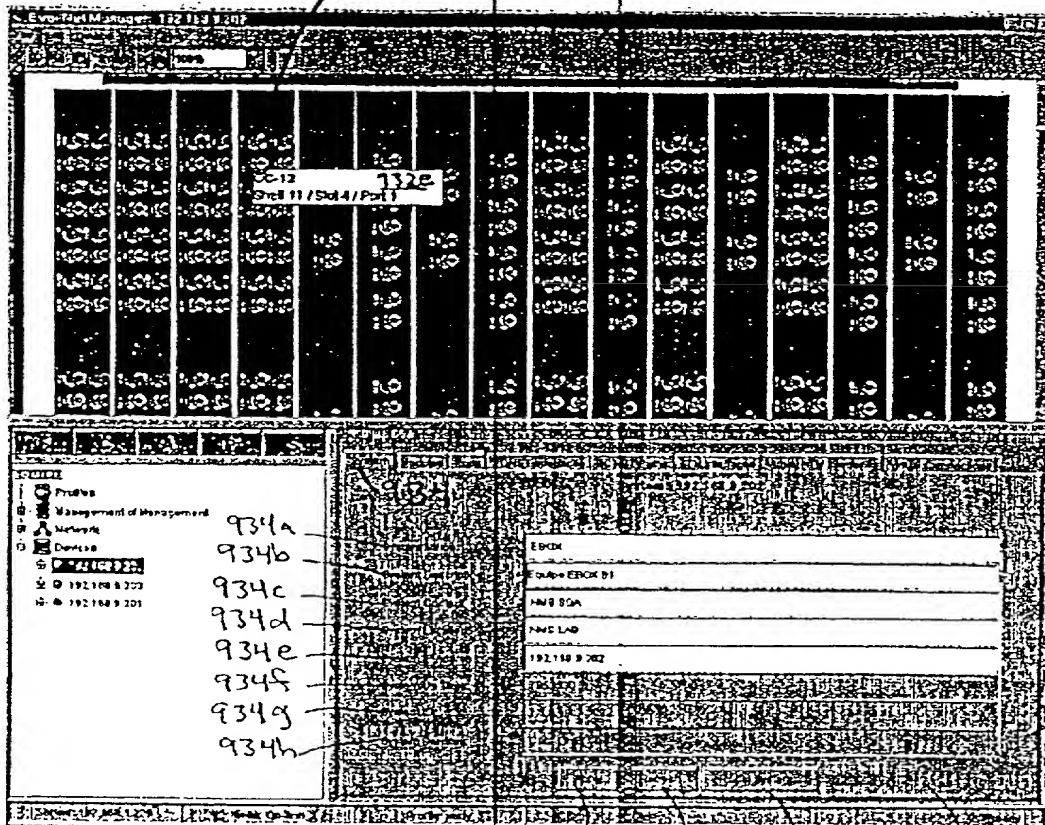


Fig. 4s

00756655 100901

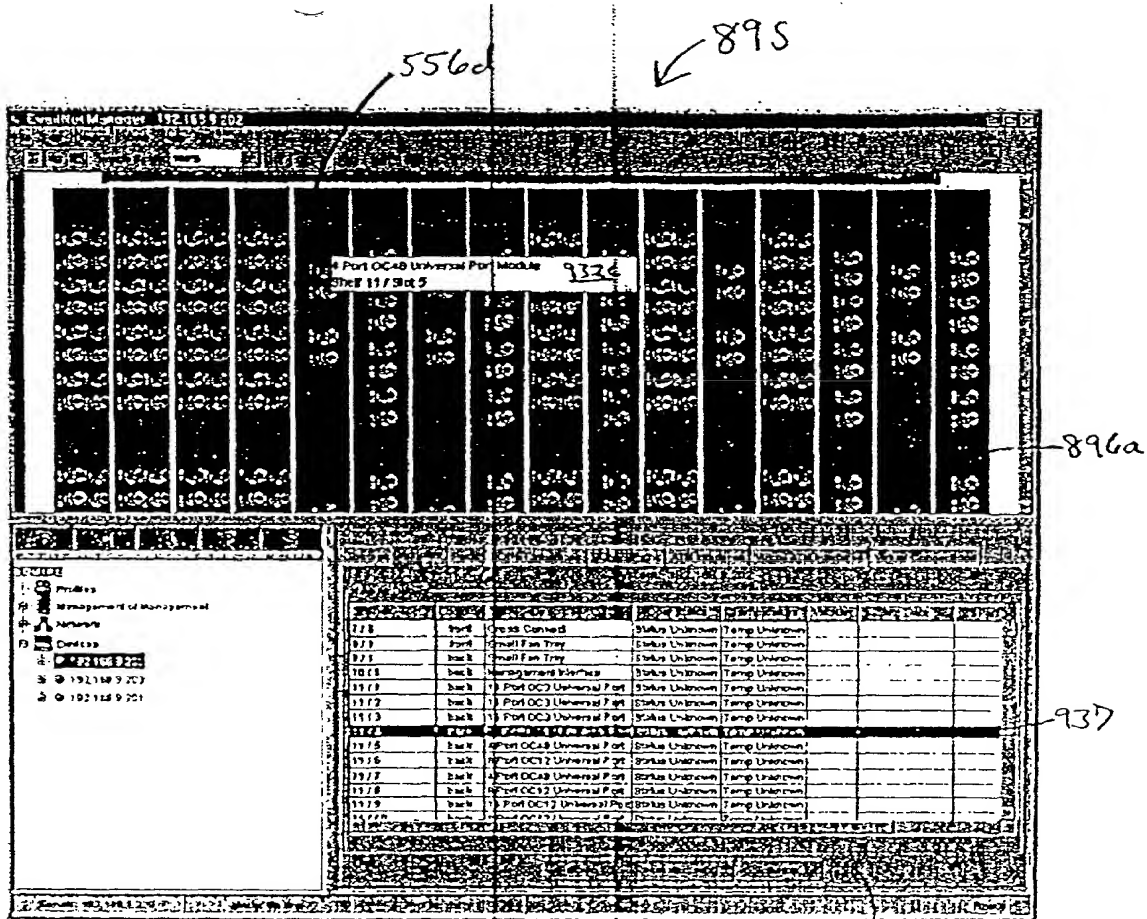
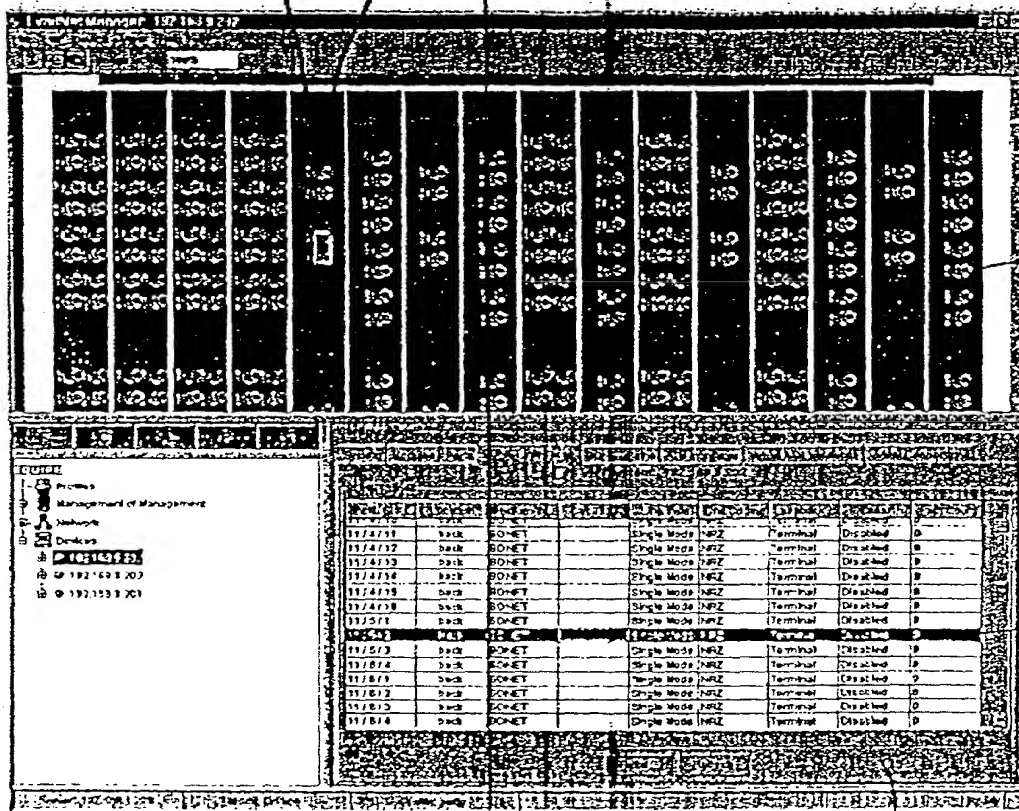


Fig. 4+

895

895



9412

897

Fig. 4v

[illegible]

[illegible]

Fig. 4w

958

958a

895

958b
958c

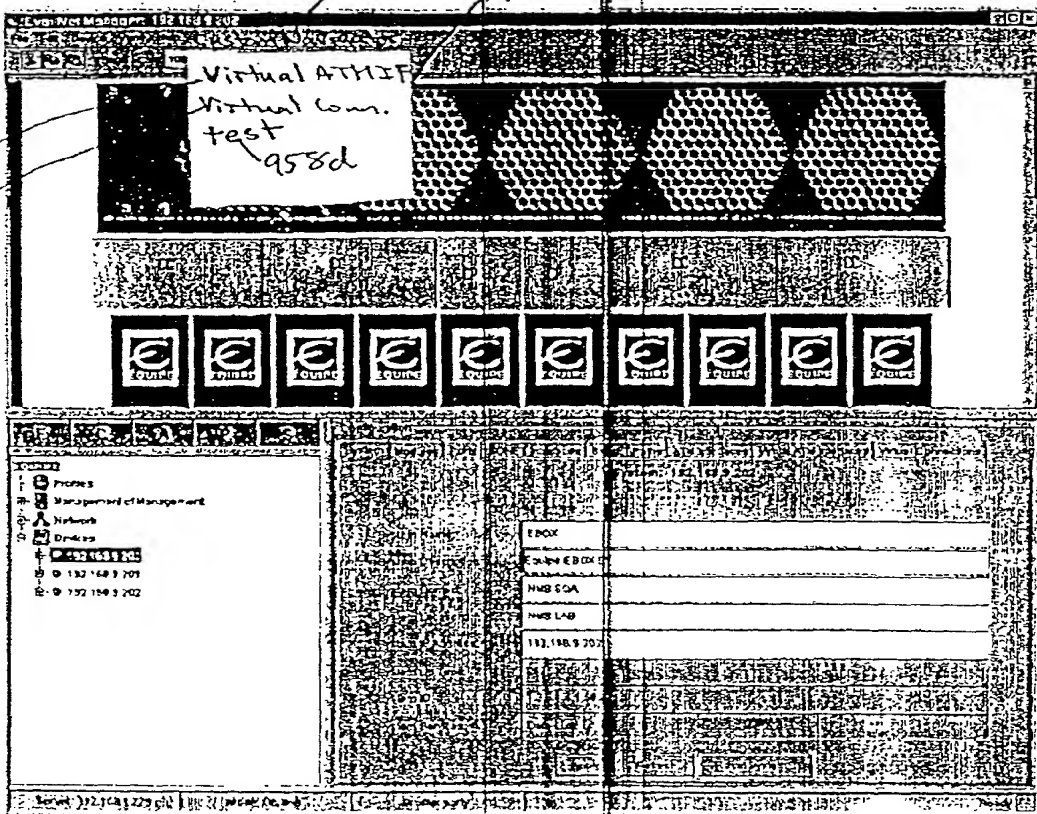


Fig. 4x

00755936-040004

896a

895

960

960a

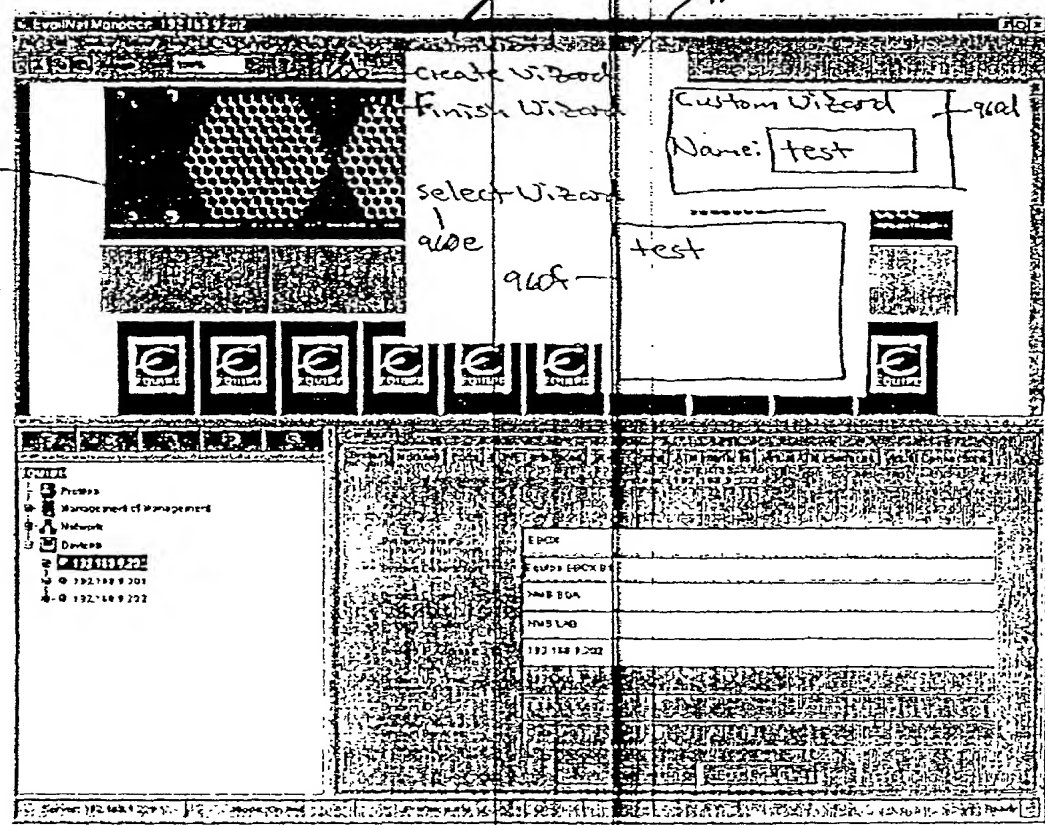


Fig. 4y

00756936-010901

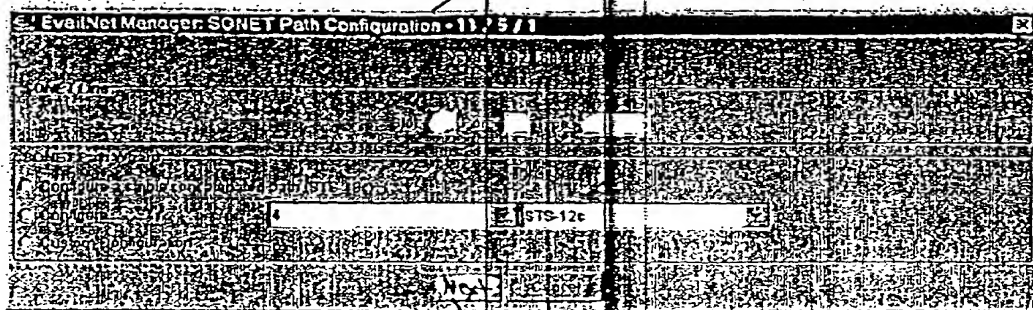


Fig. 42

00756935 040904

895

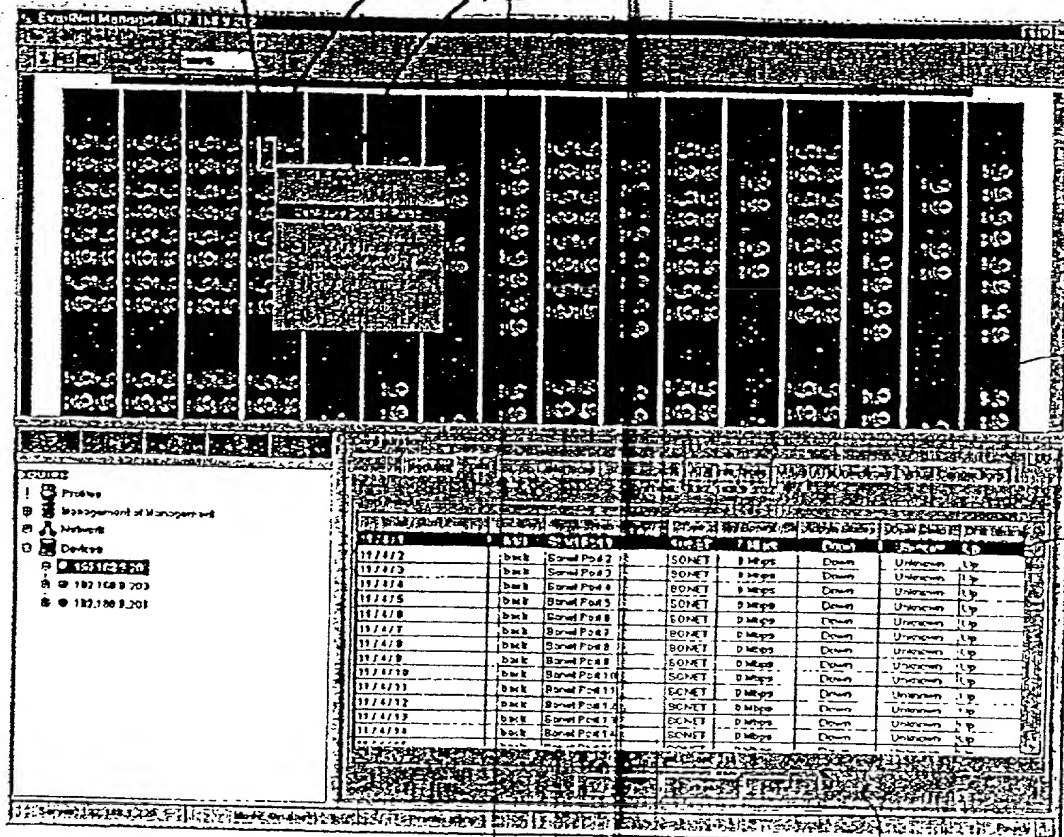


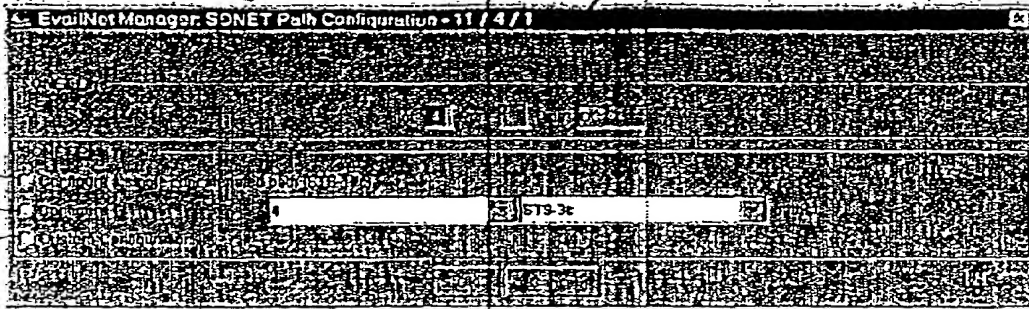
Fig. 5a

897

[illegible]

Fig. 5b

944



944a

944b

944c

944d



944b

944e

944

944e

944f

Fig. 5c

09755035-040001

Fig. 5d

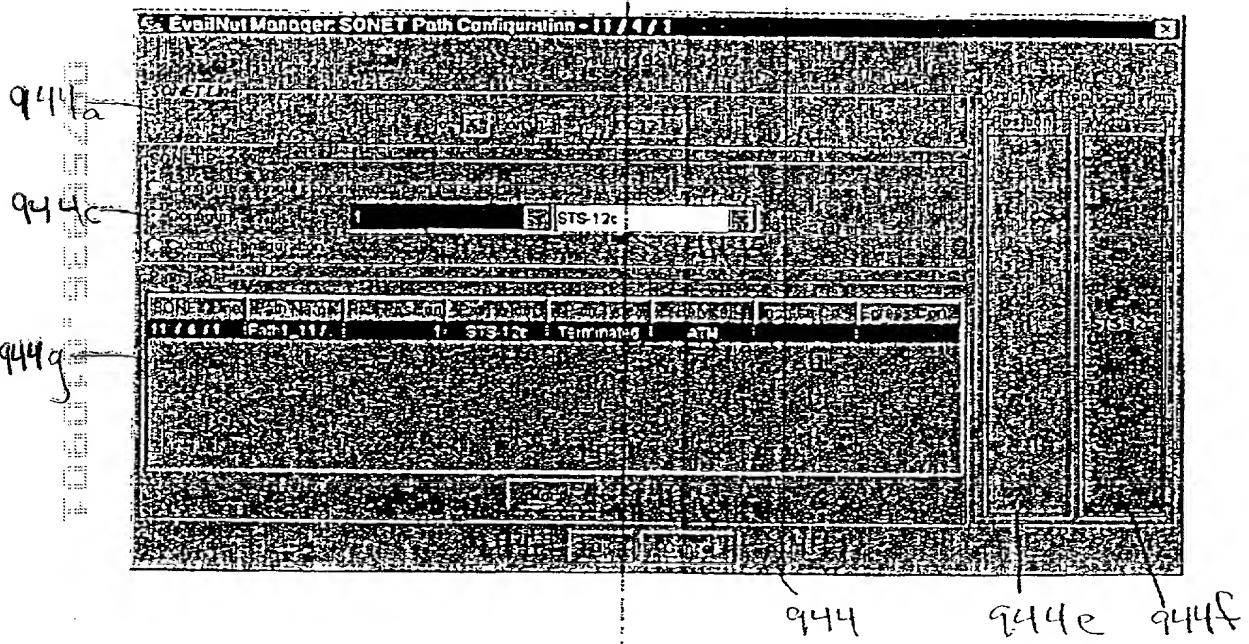
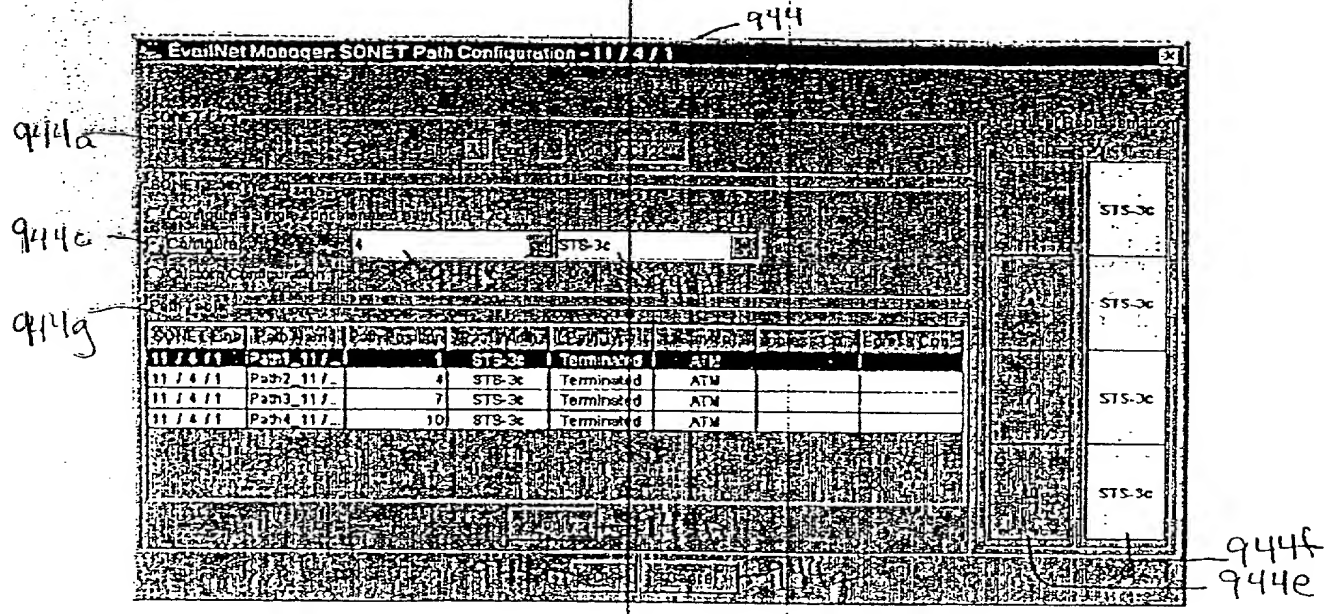


Fig. 5e

Fig. 5f

944

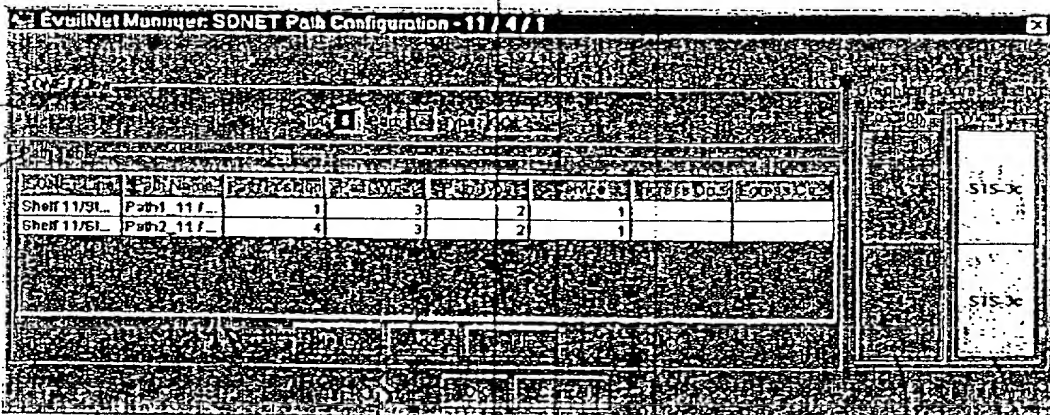
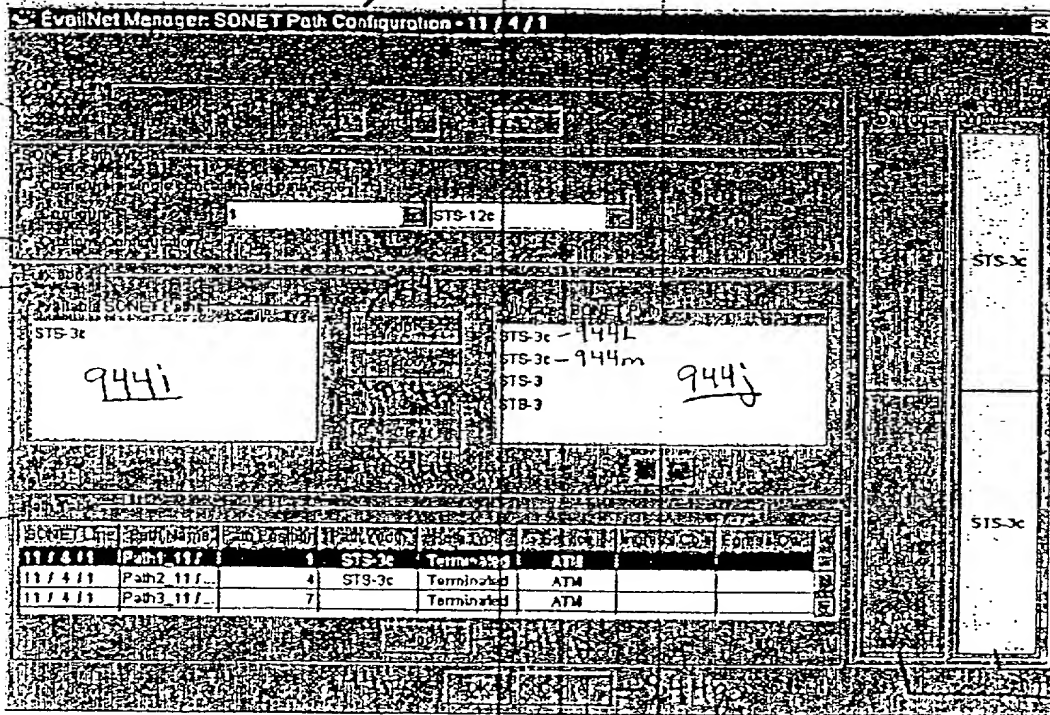
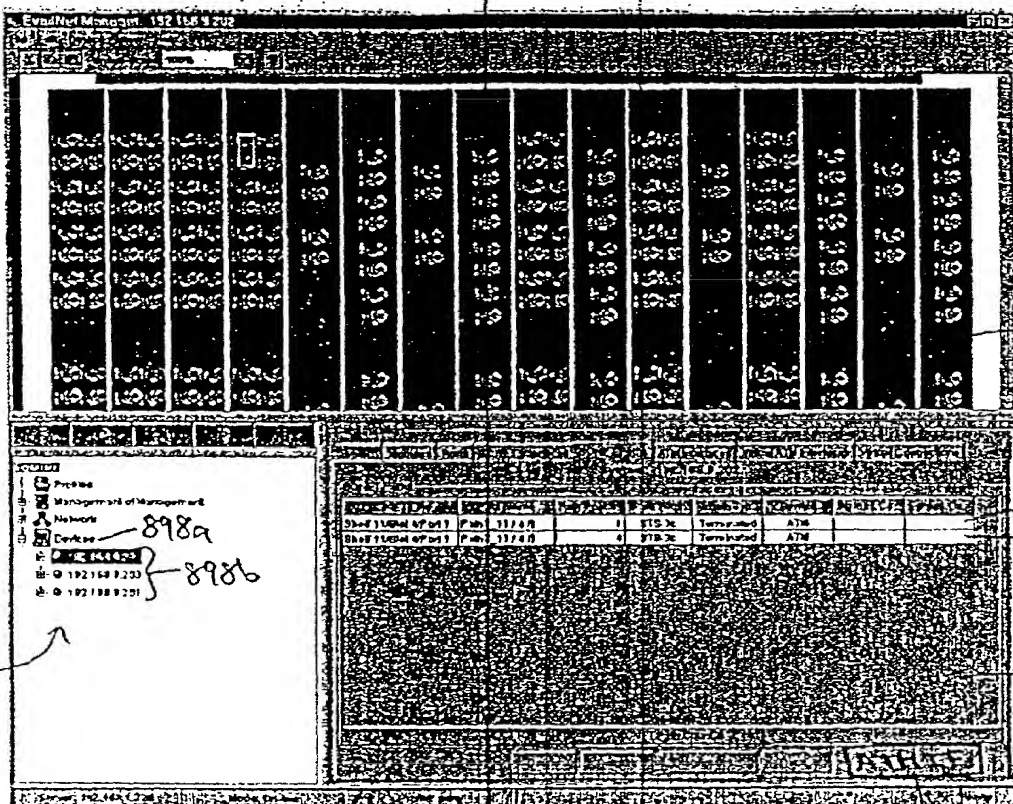


Fig. 5g

895



896a

942a

942b

897

942c

898a

898b

898

Fig. 5h

0756036-010001

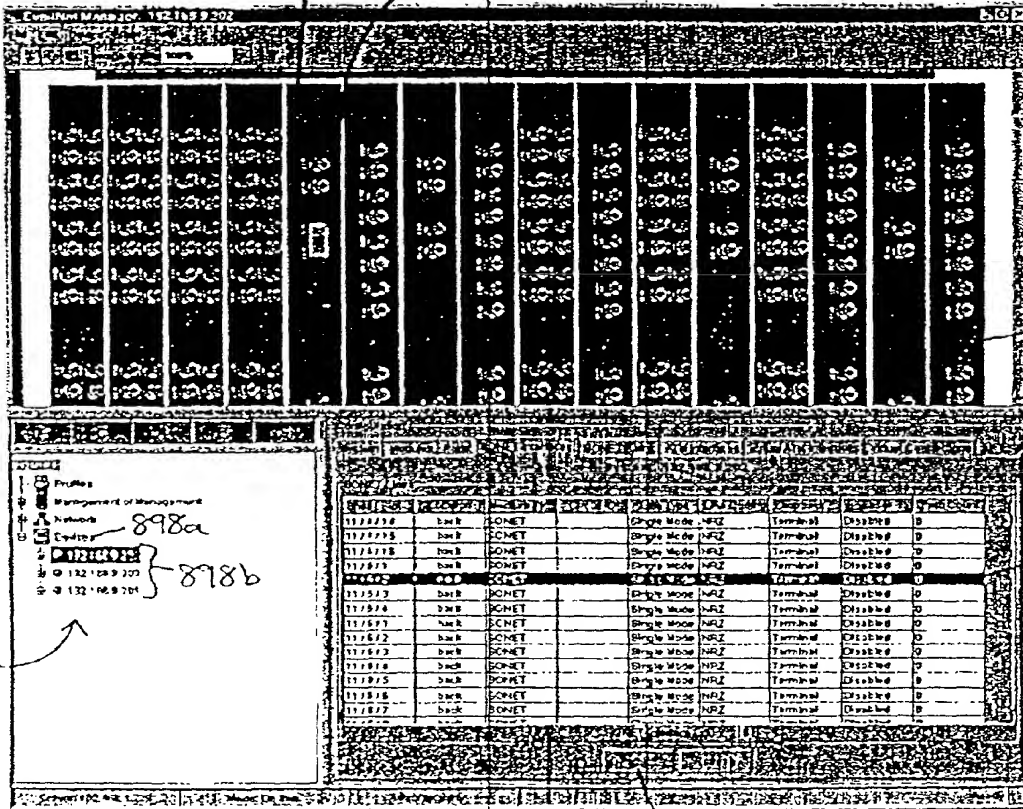
892
BIBLIOGRAPHY

Fig. 5j

556d

941a

895



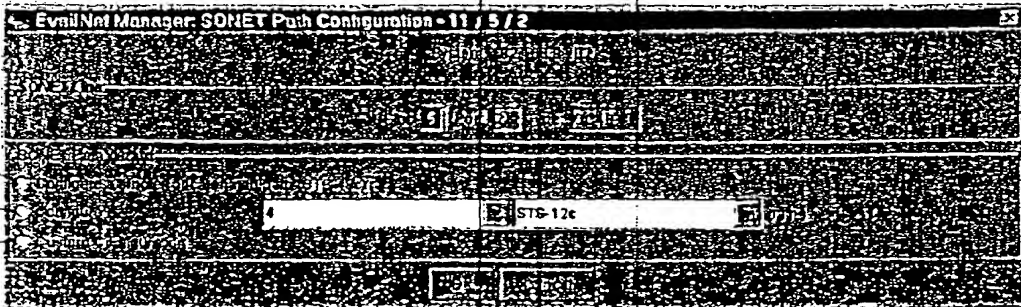
896a

949a

940a

898

Fig. 5k



944a

944b

944c

944d

944

Fig. 5L

944

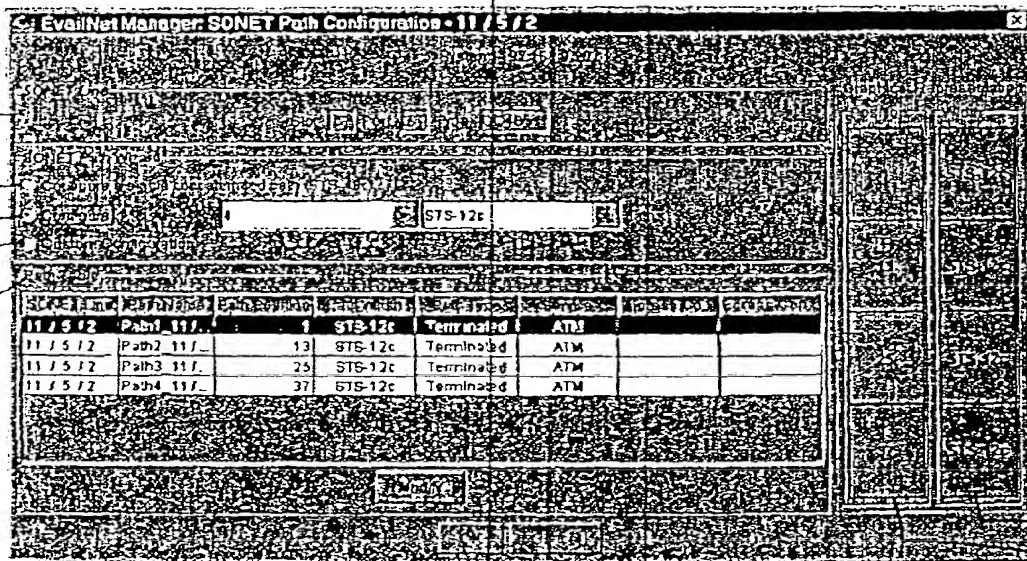


Fig. 5m

944

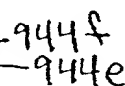
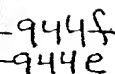


Fig. 50

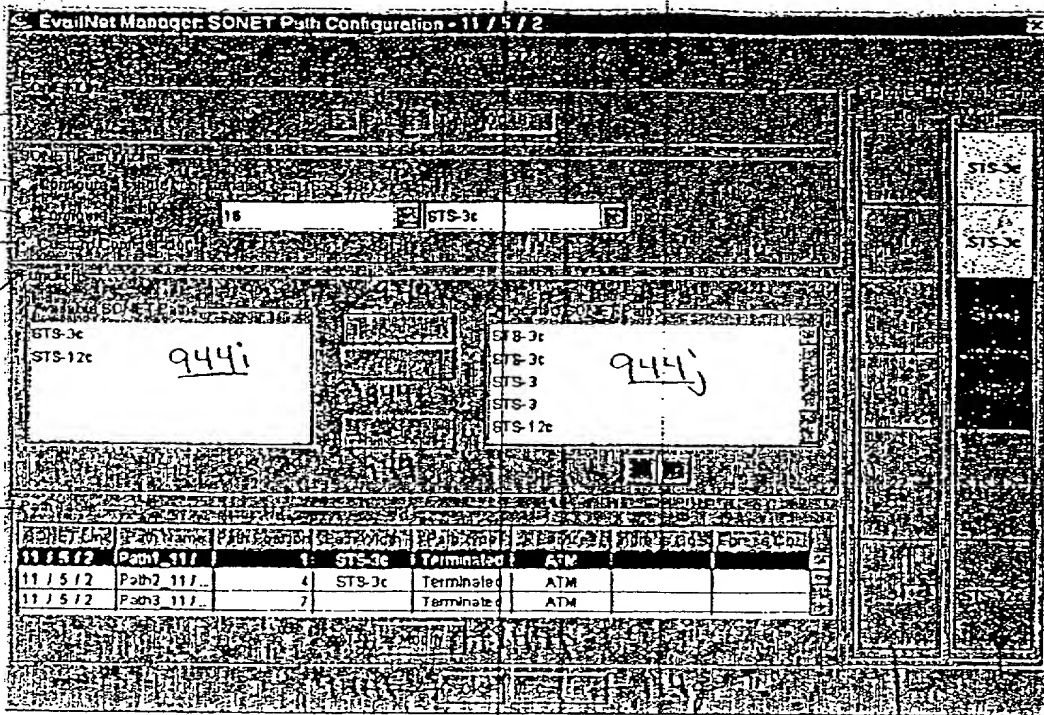


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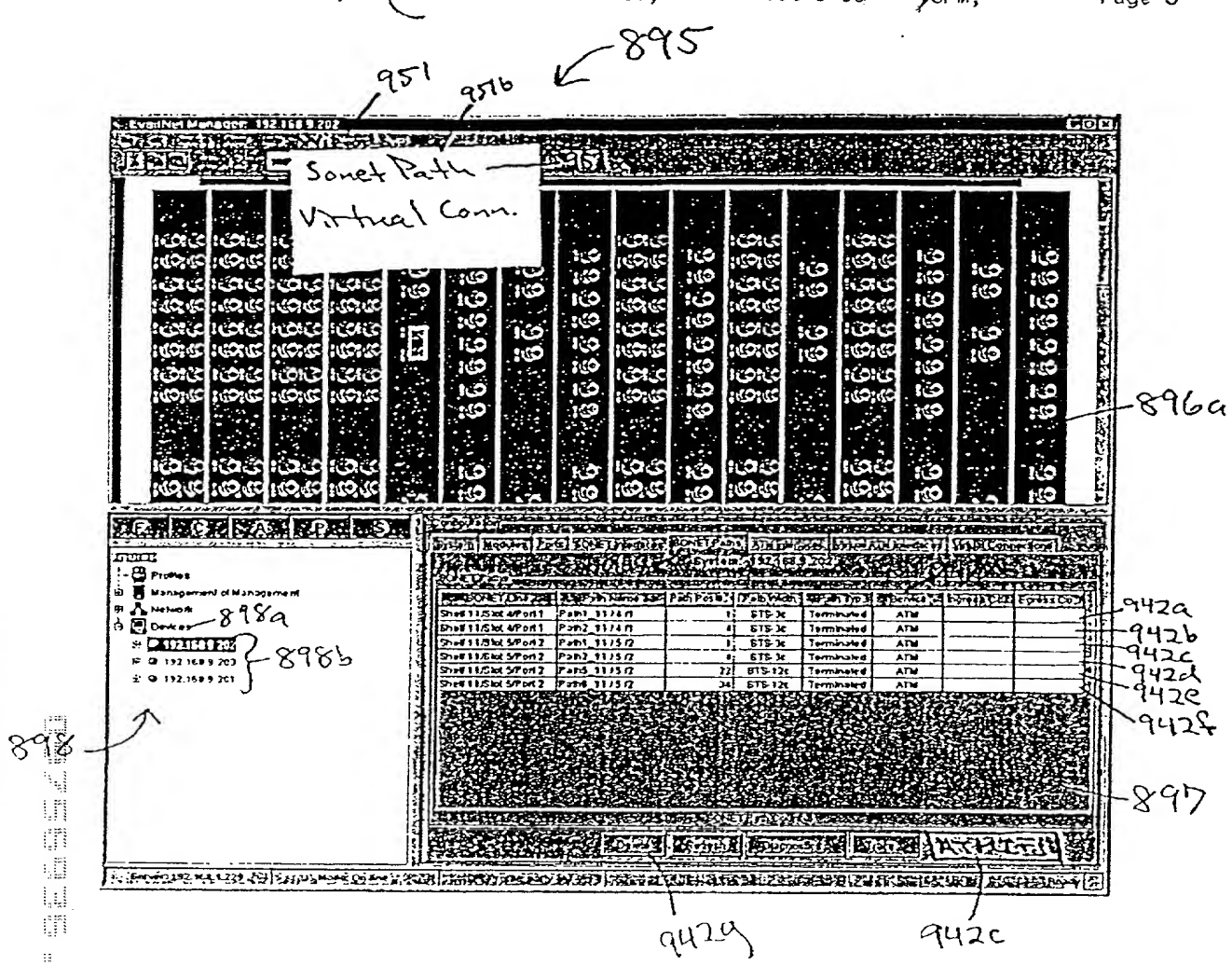
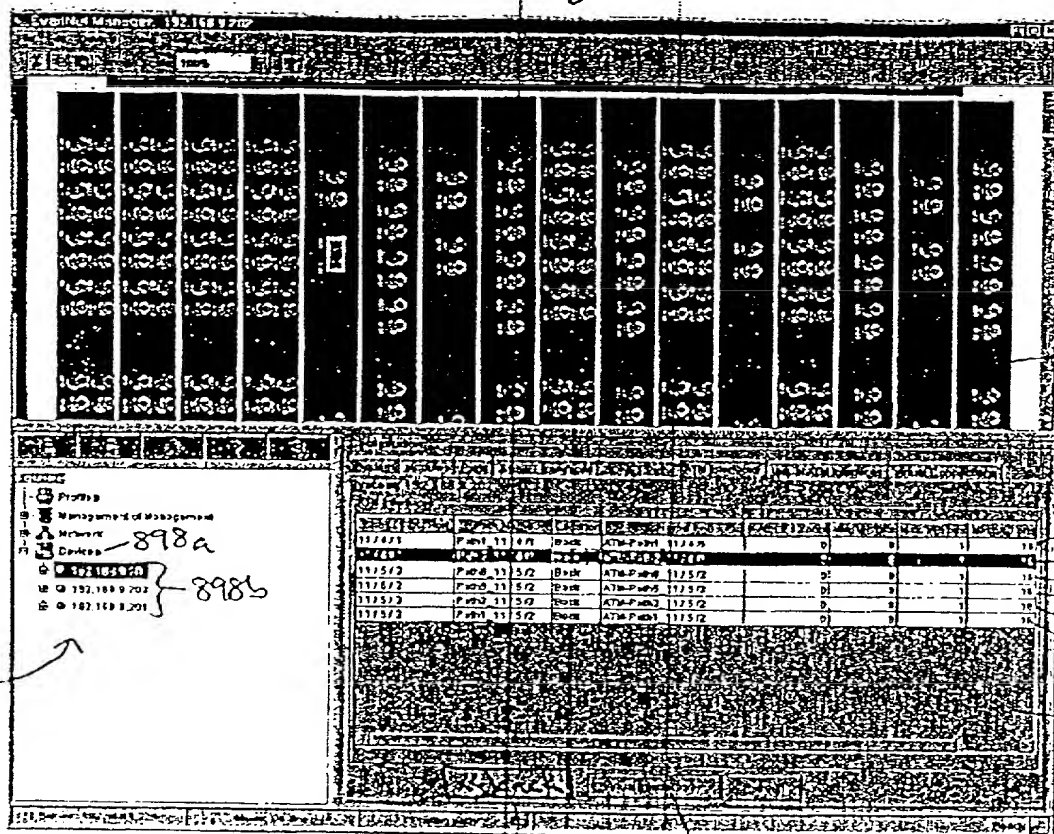


Fig. 5g

895



896a

898

946a
946b
946c
946d
946e
946f

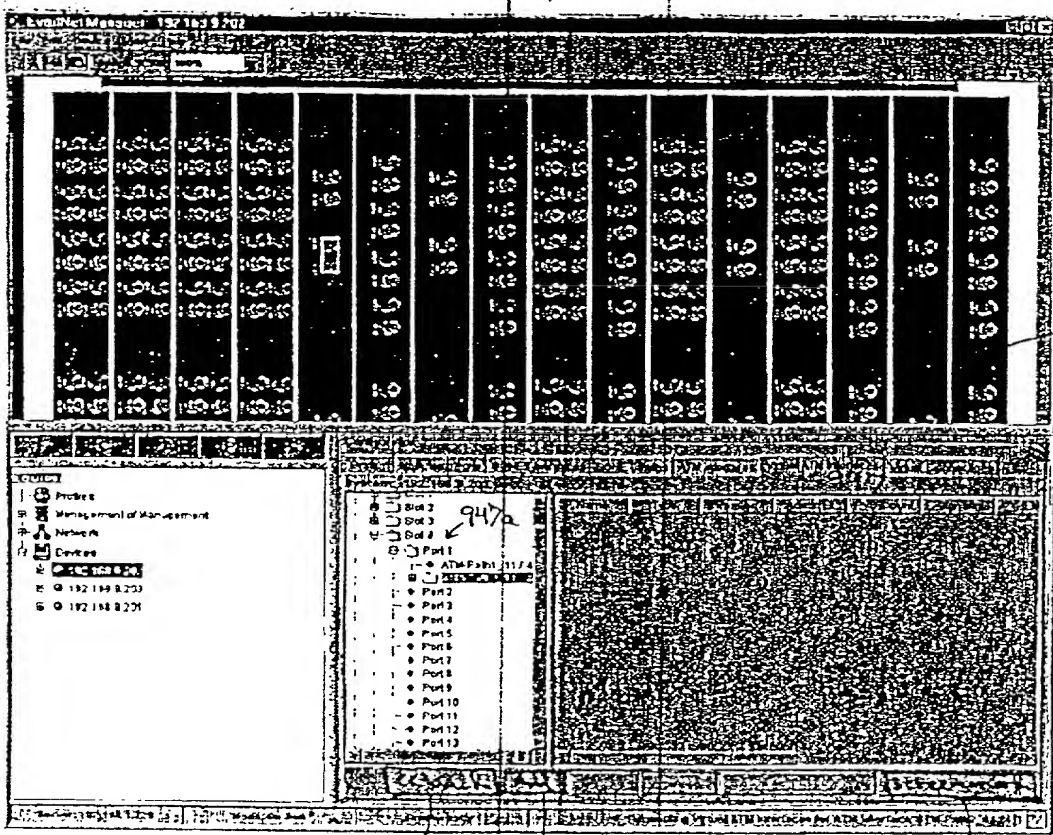
897

946h

946g

Fig. 5r

895



896a

947a

947b

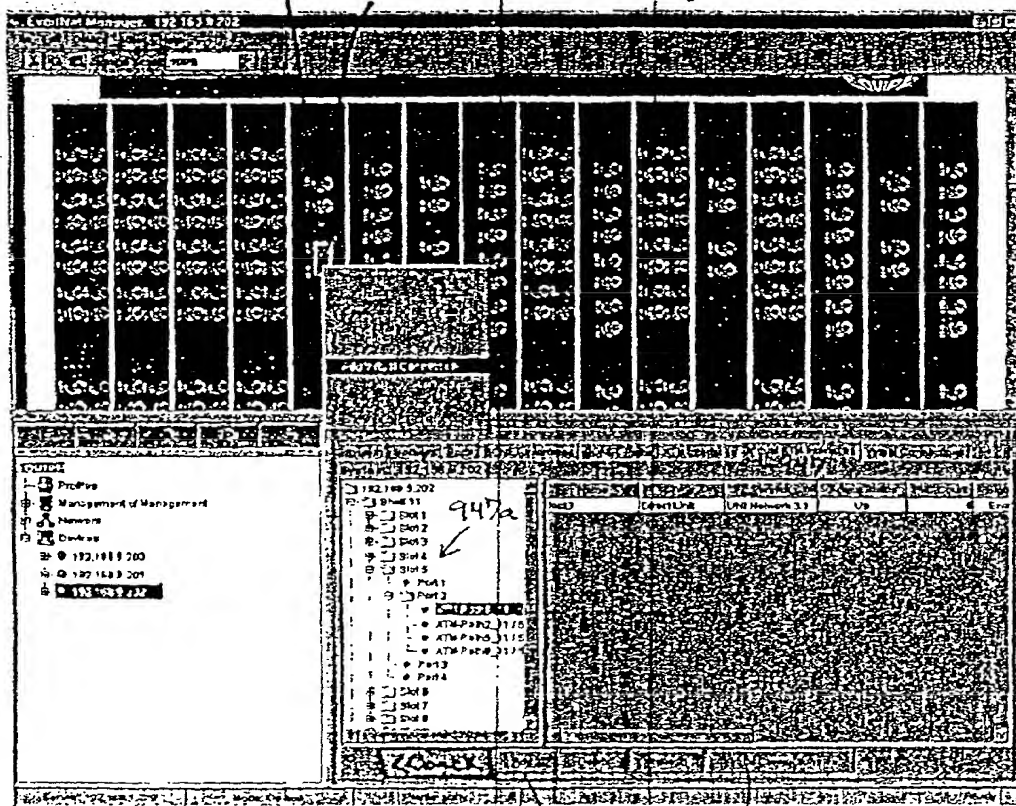
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Fig. 5s

00766936.010004

Fig. 5u

← 895



947c

9475

947d

Fig. 5v

952

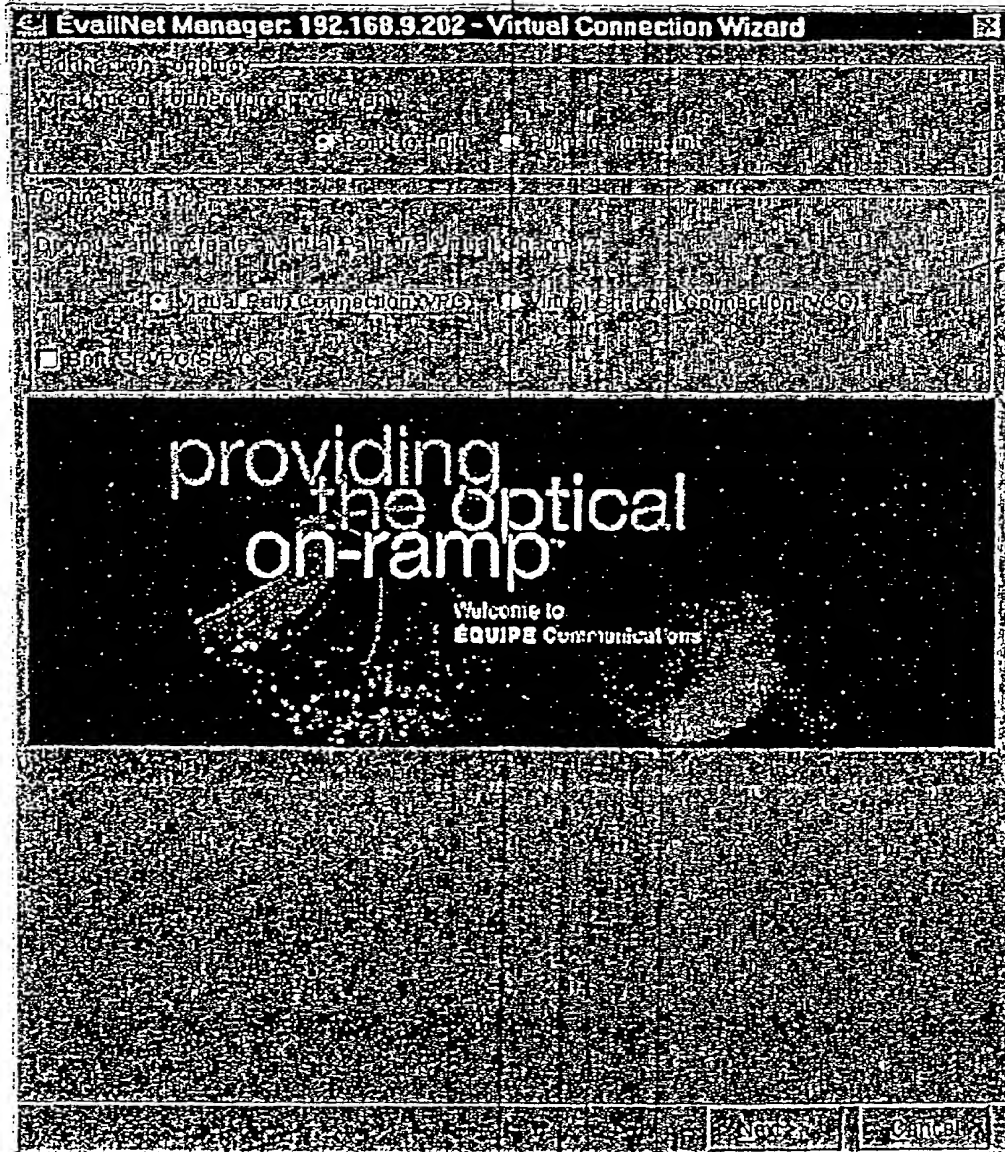


Fig. 5w

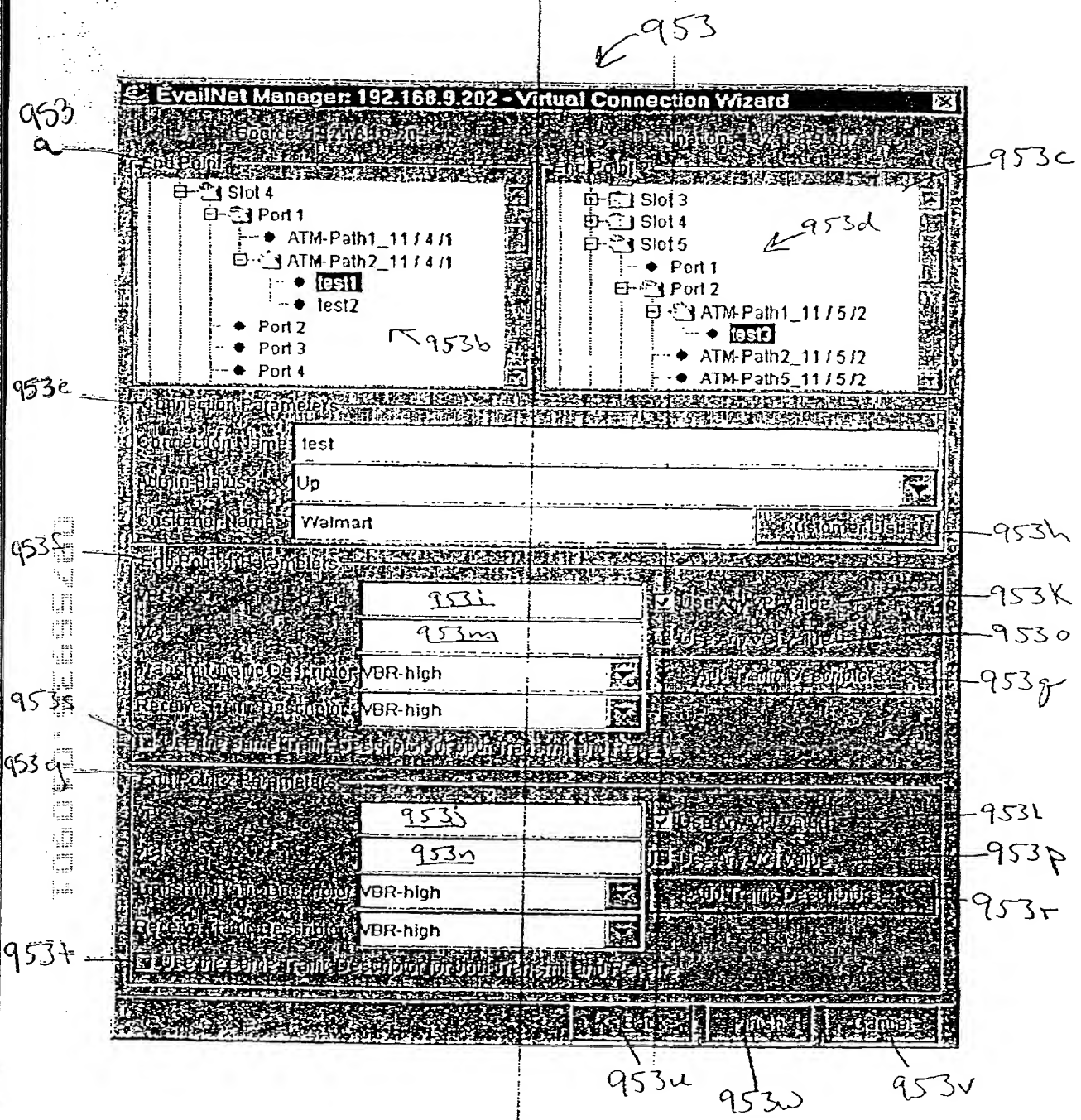


Fig. 5x

956

New Traffic Descriptor

Name:

QoS Class:

▼

Type:

▼

OK

Cancel

Fig. 5Y

895

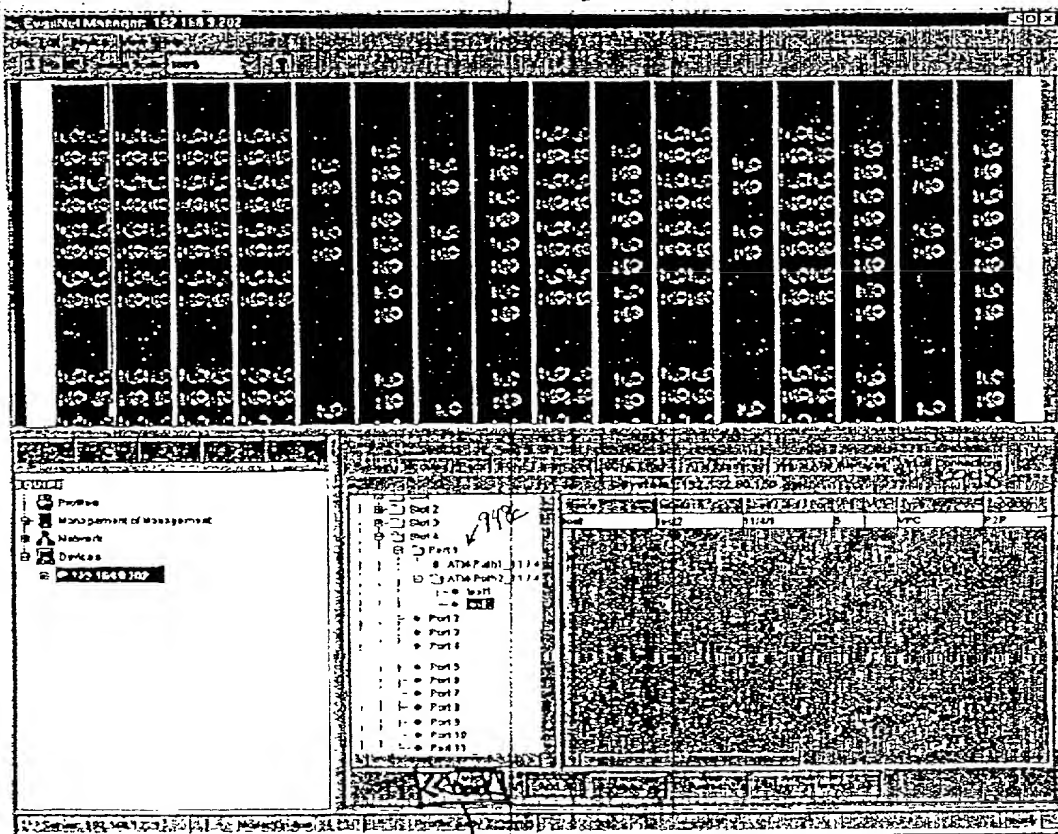


Fig. 57

895

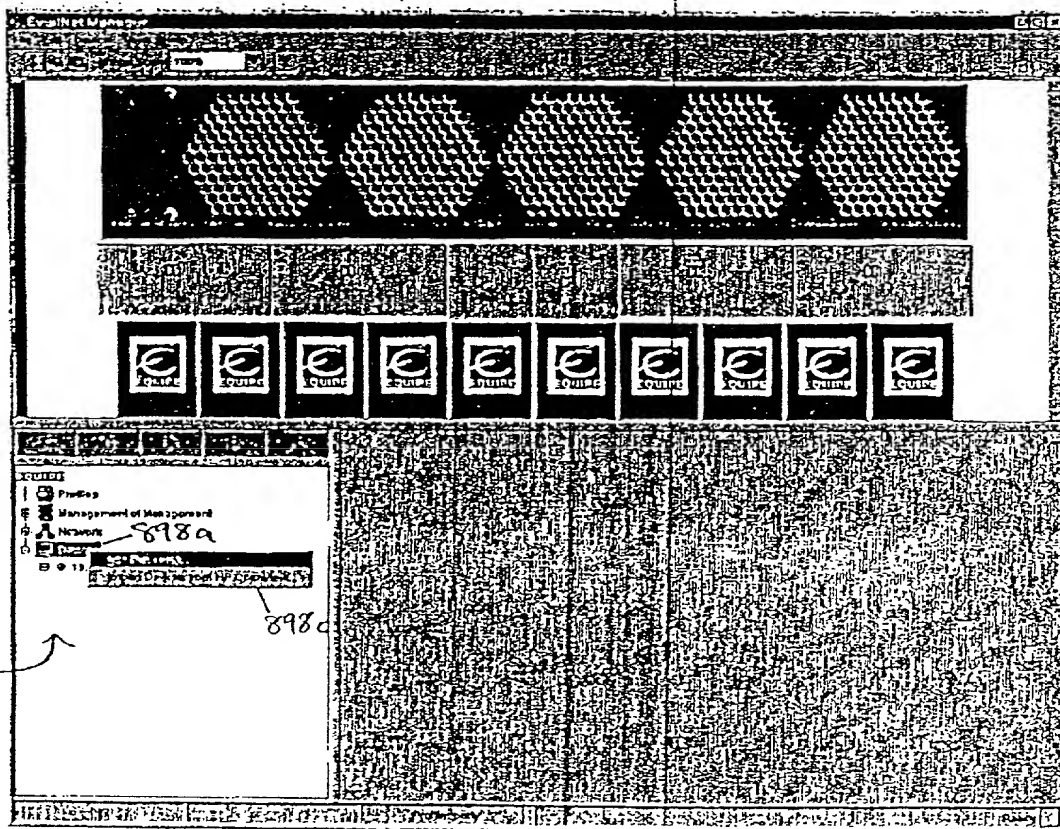
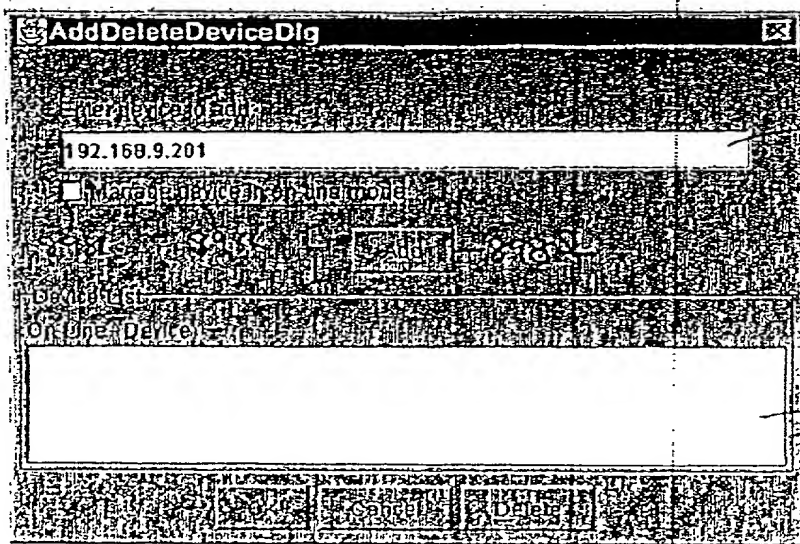


Fig. 6a

Fig. 6b

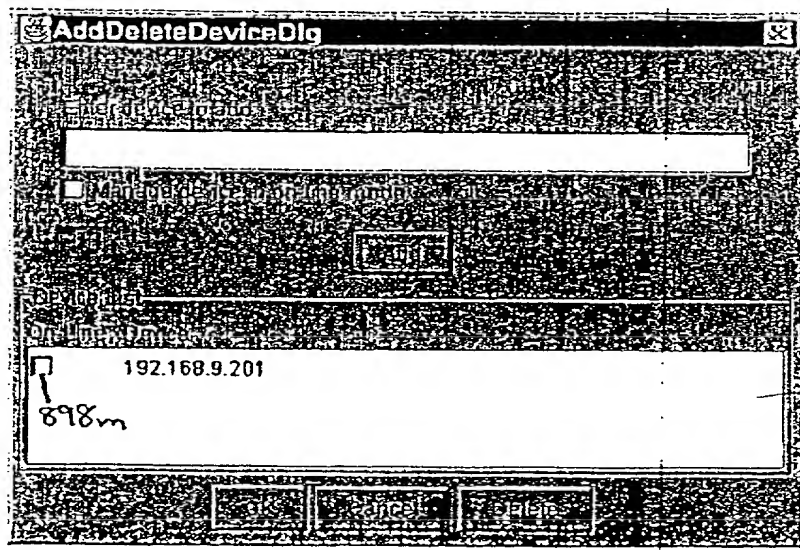


898e

898d

898g

Fig. 6c



898d

898g

00766936 010001 100010 95699760

895

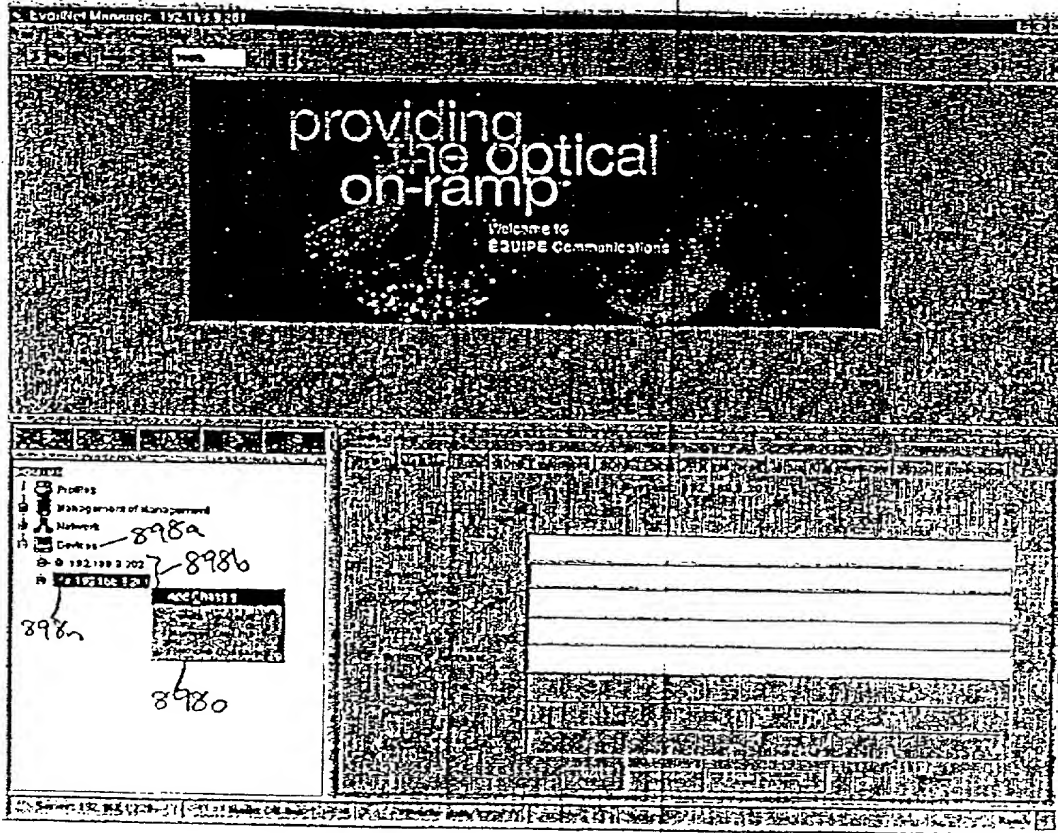


Fig. 6d

895

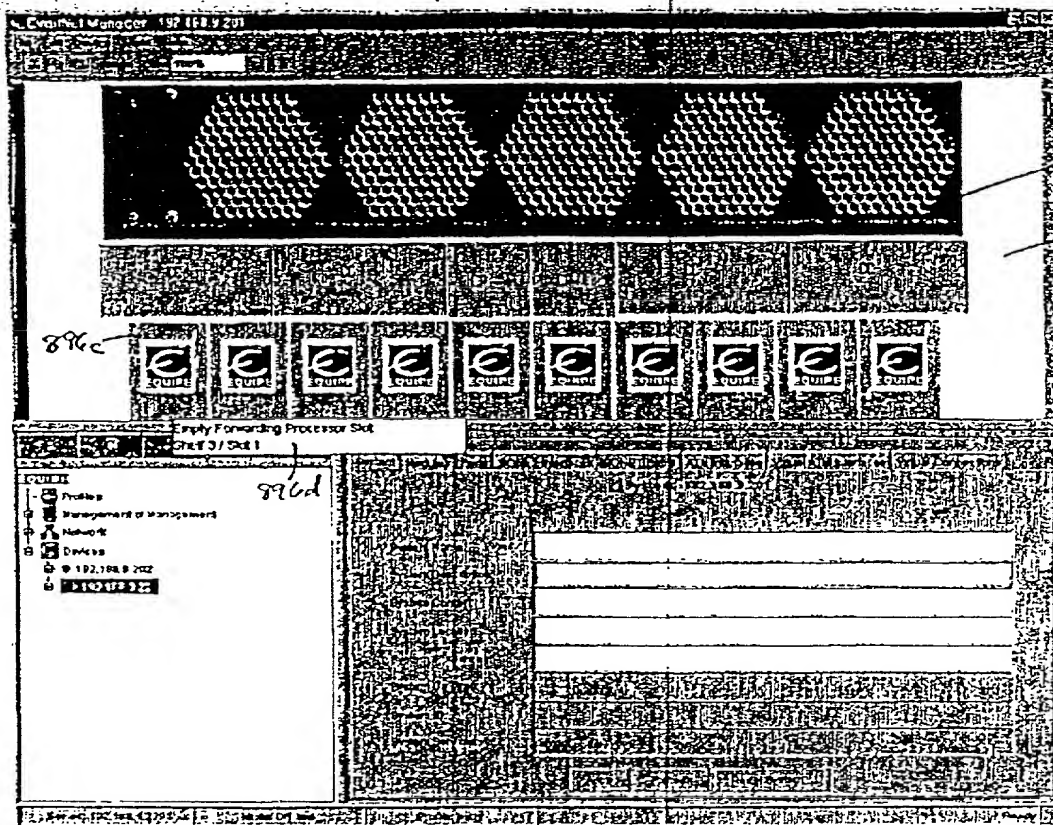


Fig. 6e

00766935 0109071

895

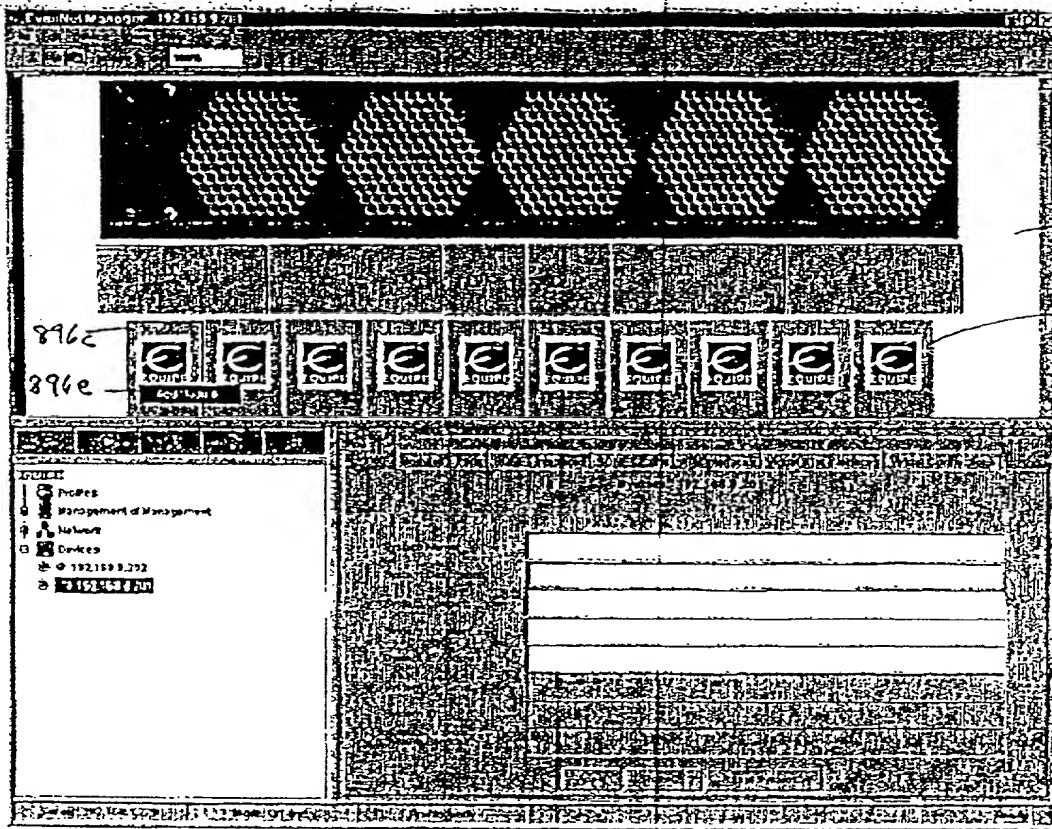
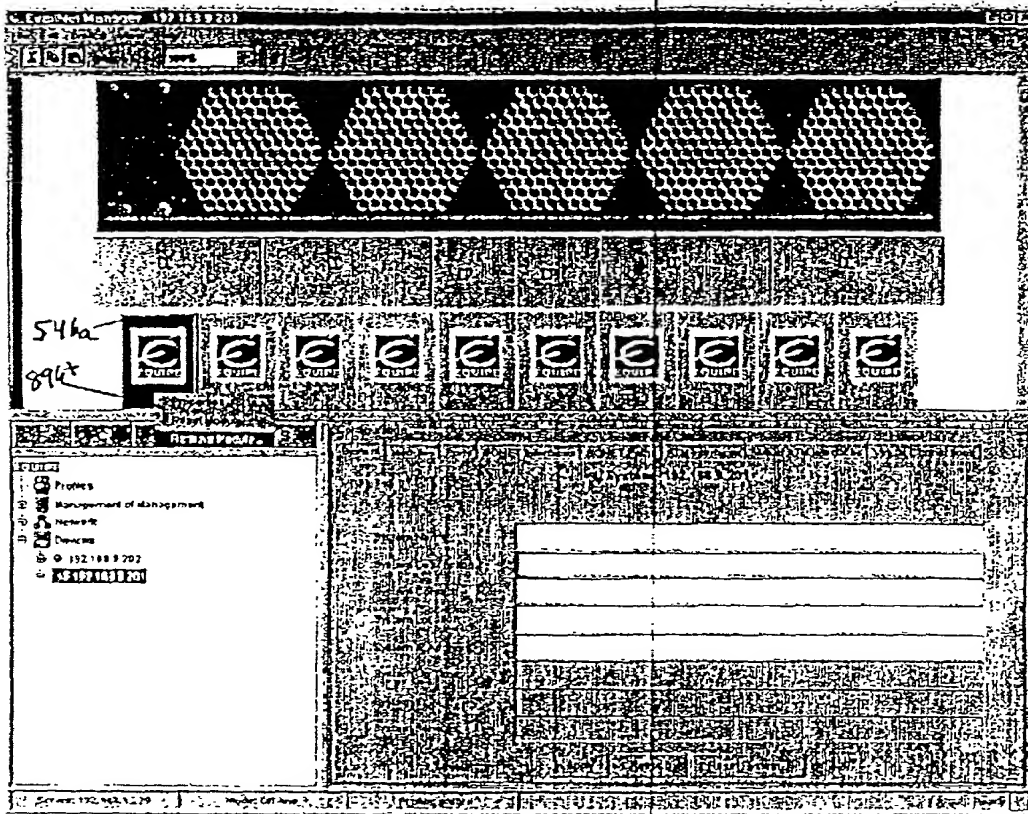


Fig. 6f

895



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896f

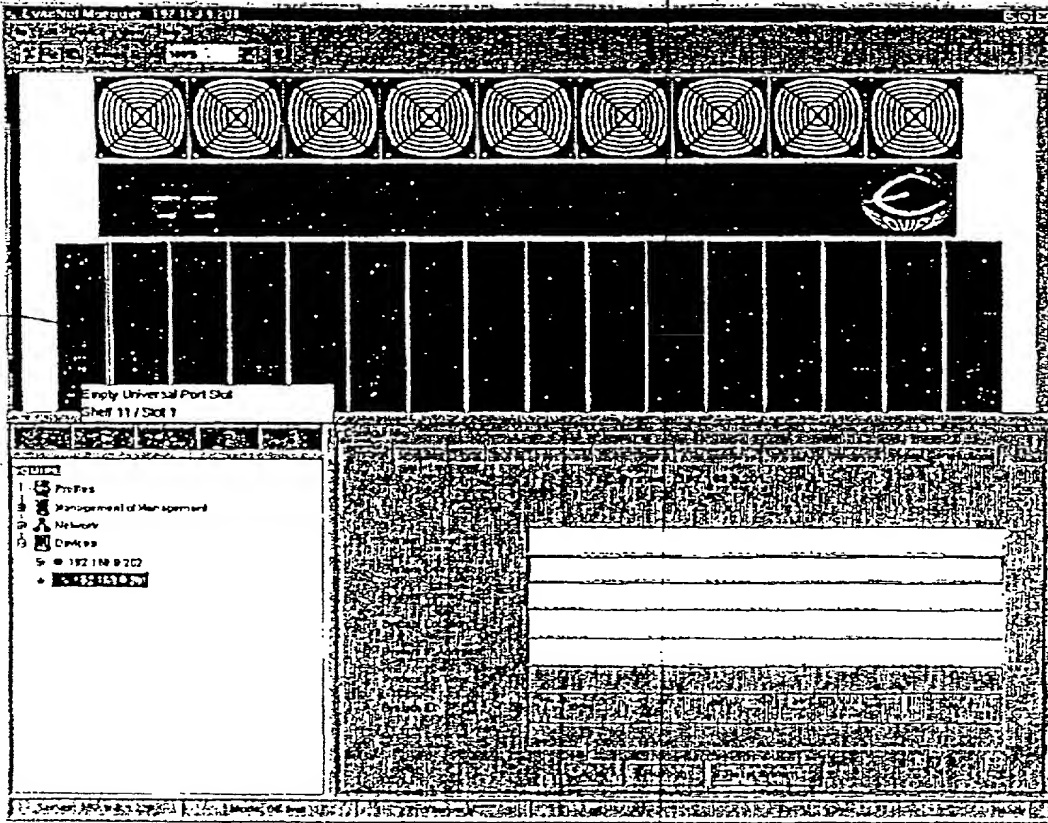


Fig. 6h

0076935 040004

895

896f

896g

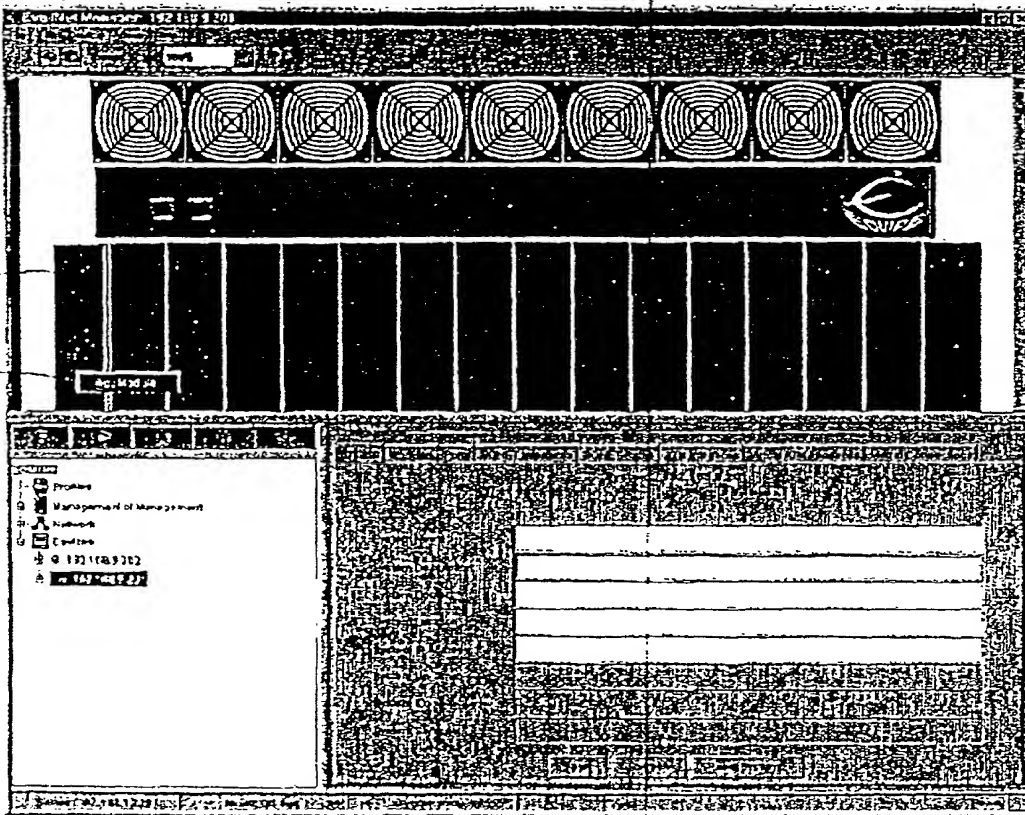
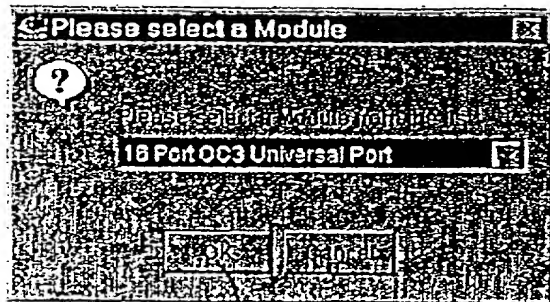


Fig. 6i

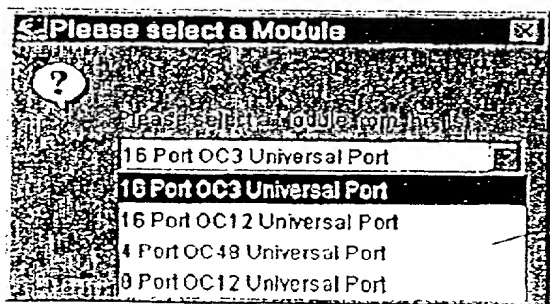
00755935-040001

Fig. 6j



896h

896j



896h

896i

Fig. 6K

00765036 011007

556i

556h

895

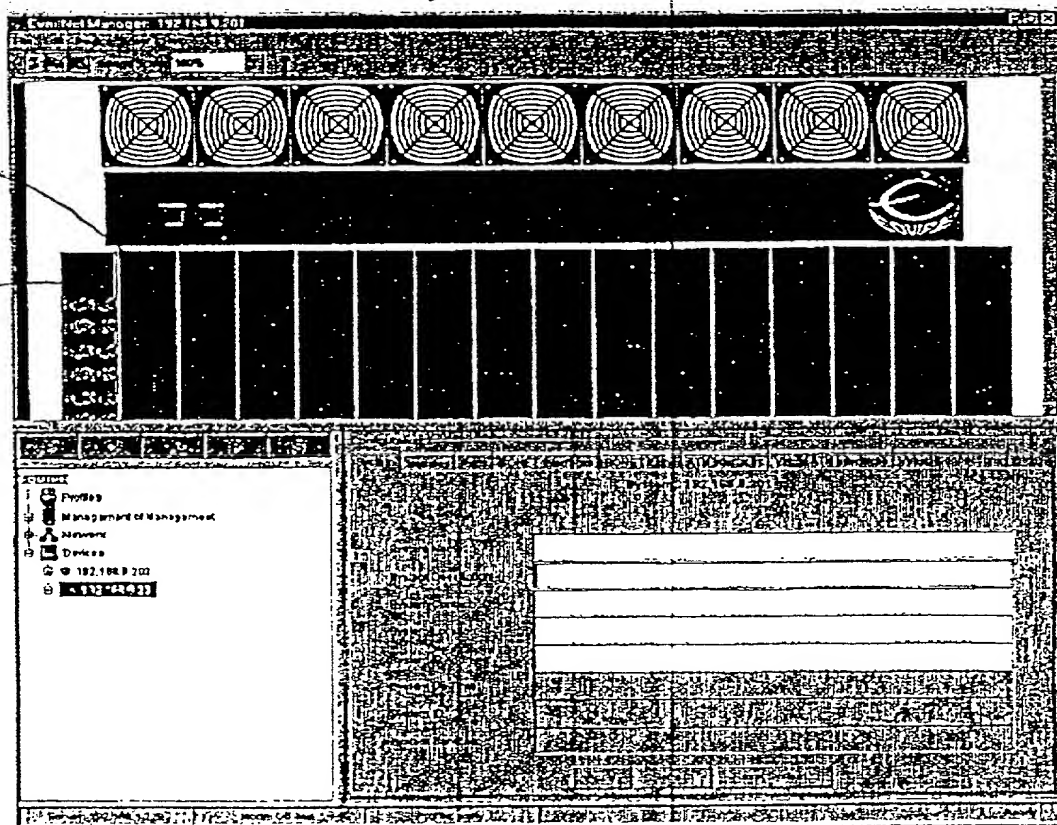
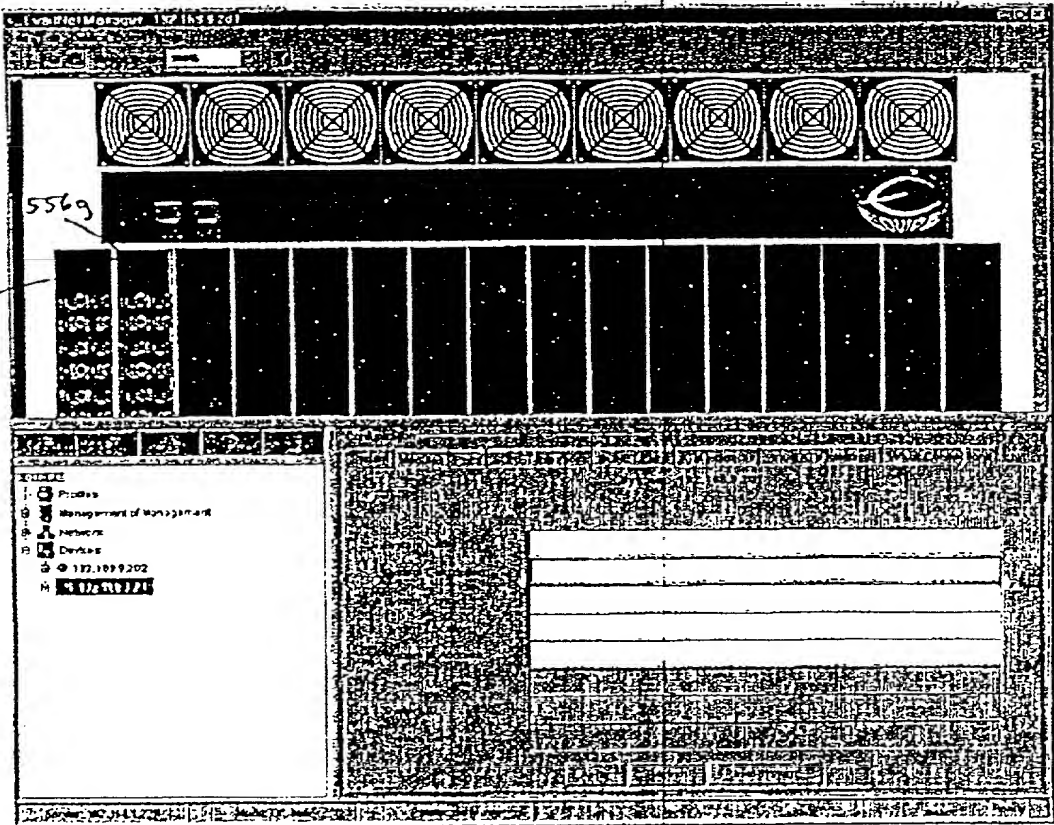


Fig. 6L

00756035-040000

895



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100756036.010001

Fig. 6m

895

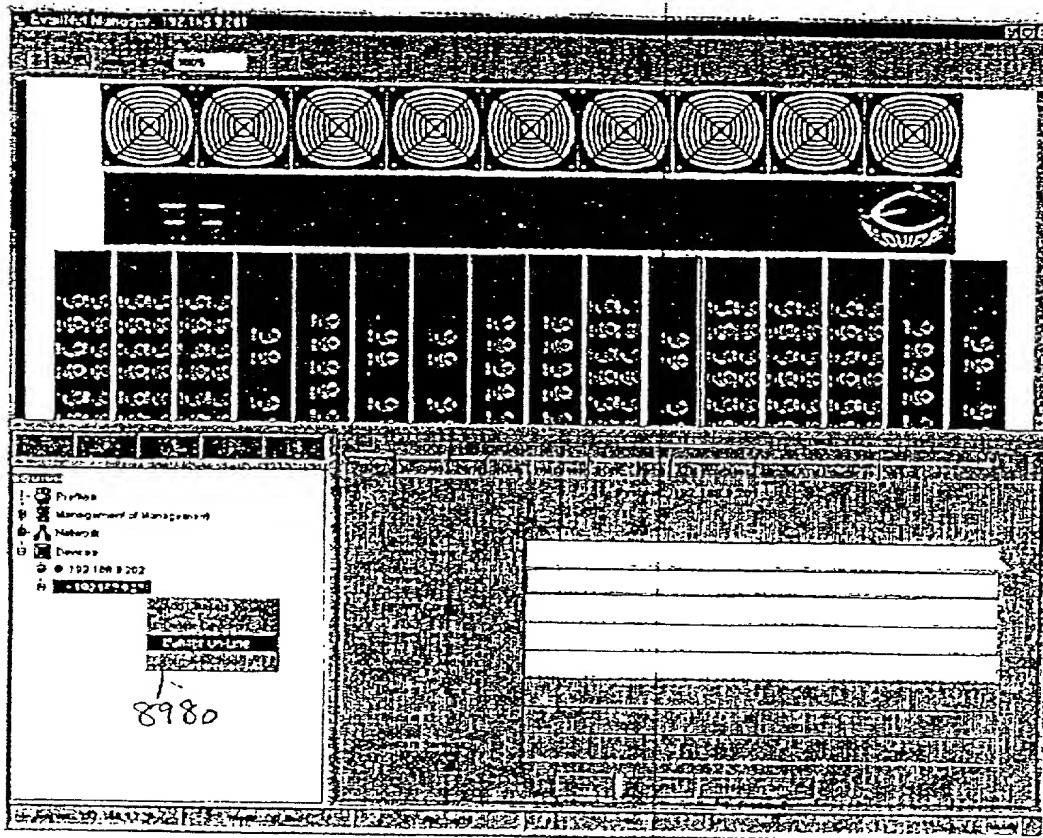
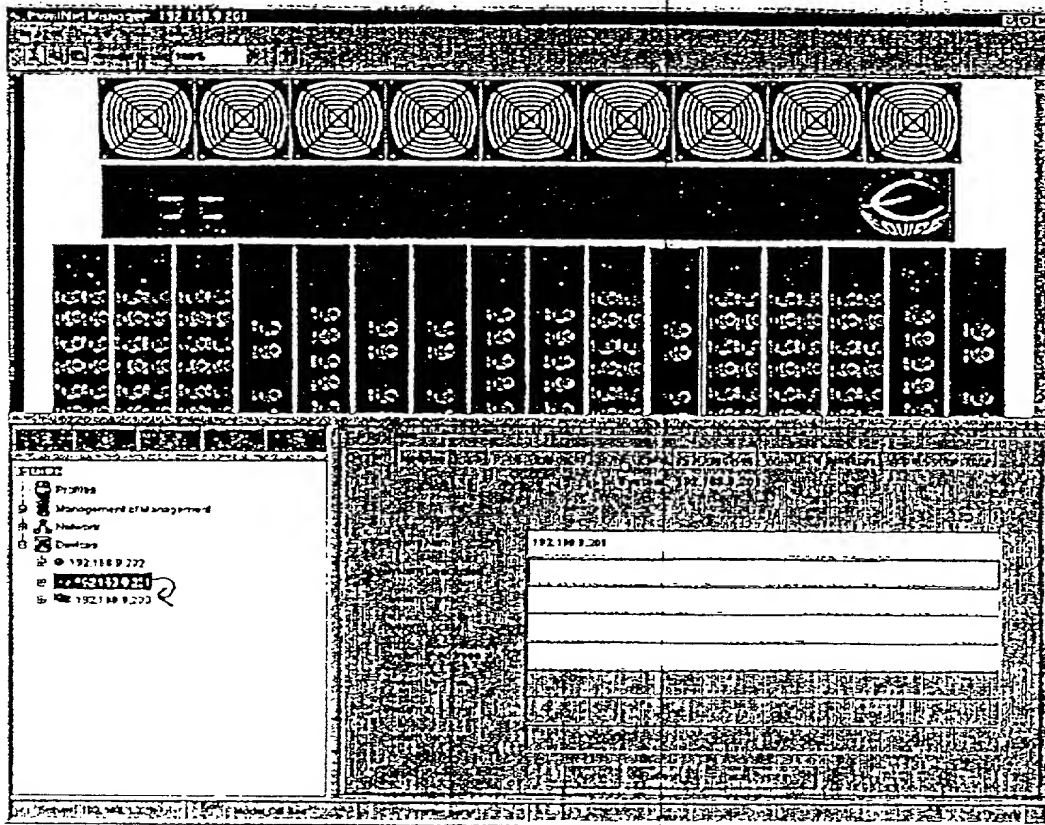
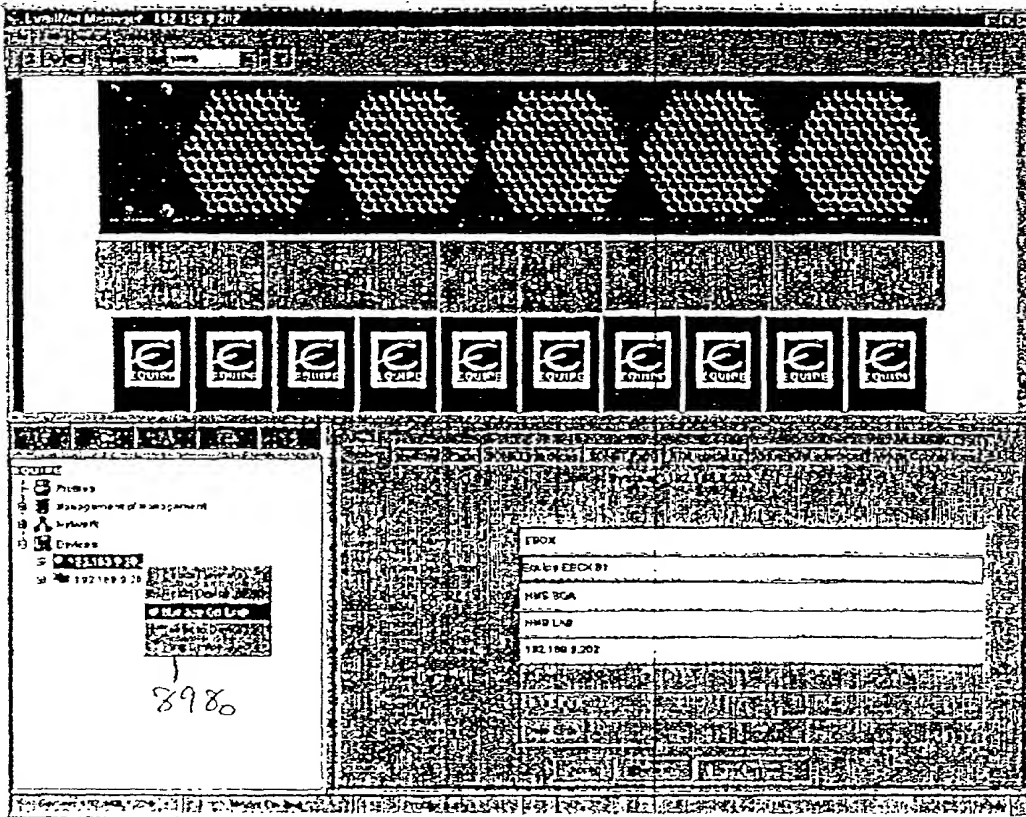


Fig. 6n

00766363 010071

[illegible]

895



898

Fig. 6p

09756936-040901

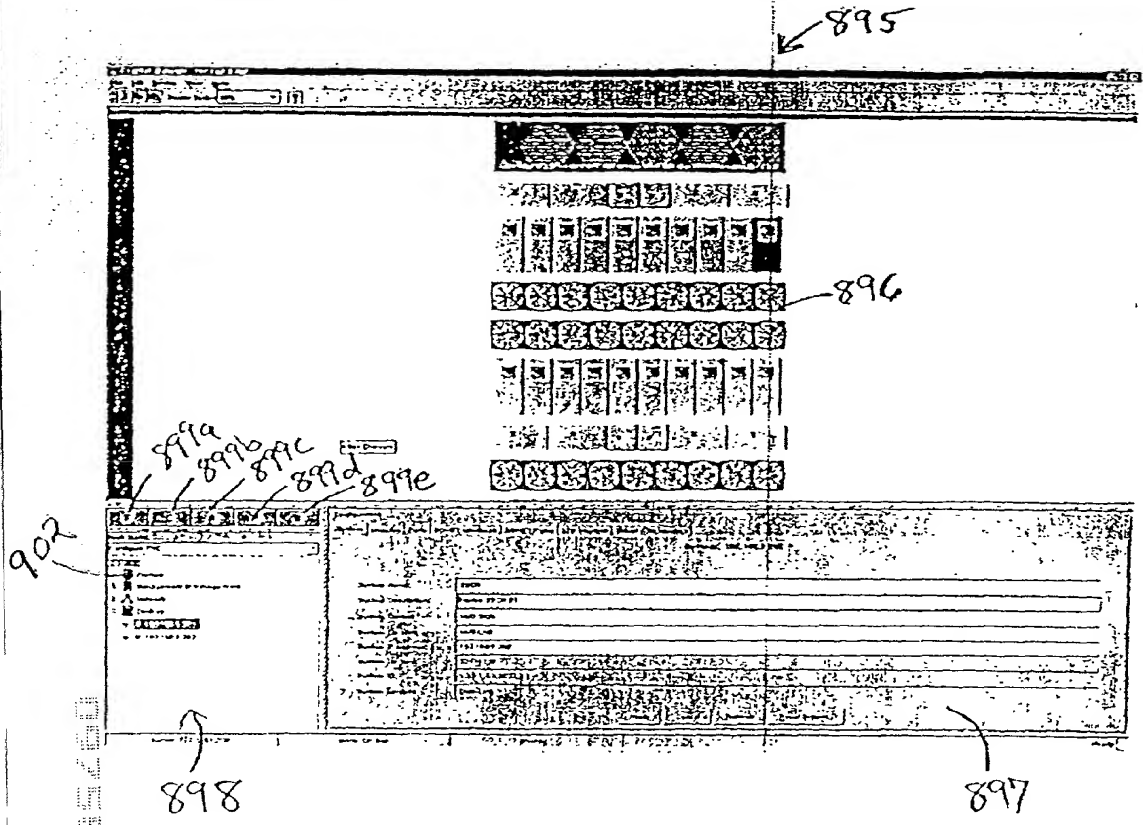


Fig. 7a

EvalNet Manager: Fault - Event Summary			
System: 192.168.65.60			
System	Event	Event Number	Description
1.1.55.6	Fan OverTemp	44	"Fan marginally functioning"
1.1.55.7	New Board Ins...	75	"New board inserted"
<div>OK</div>			

Fig. 7b

00766036 040001

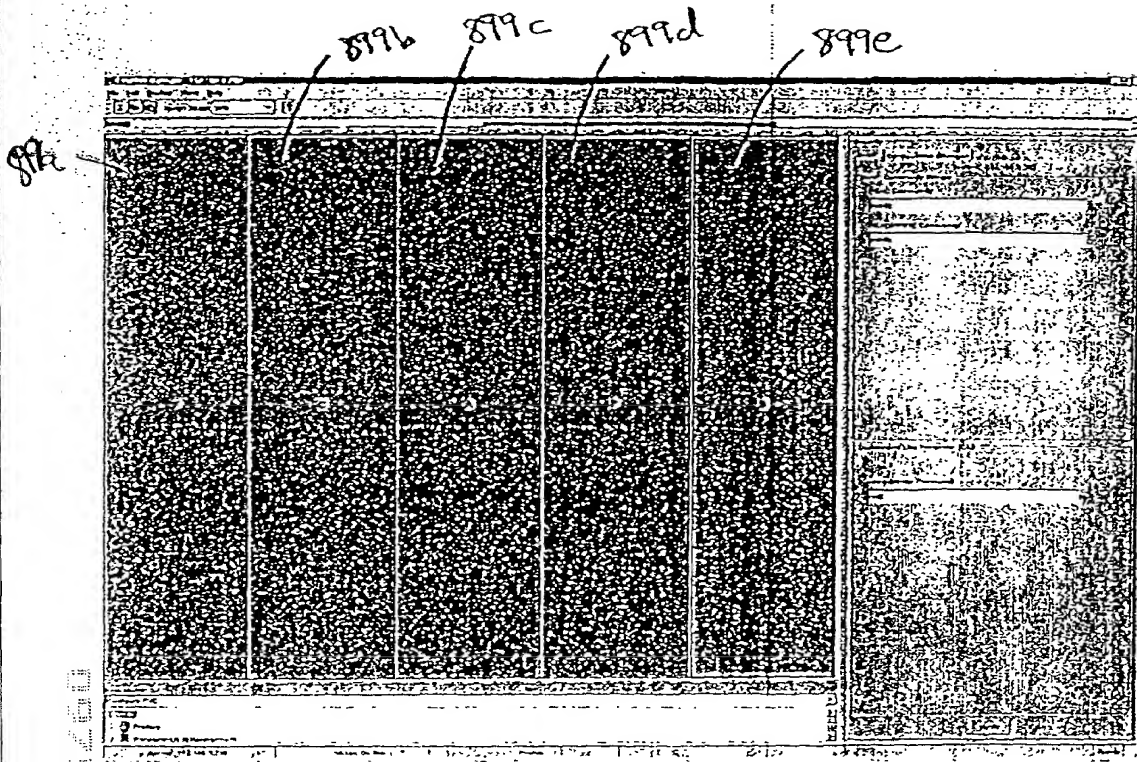


Fig. 7c

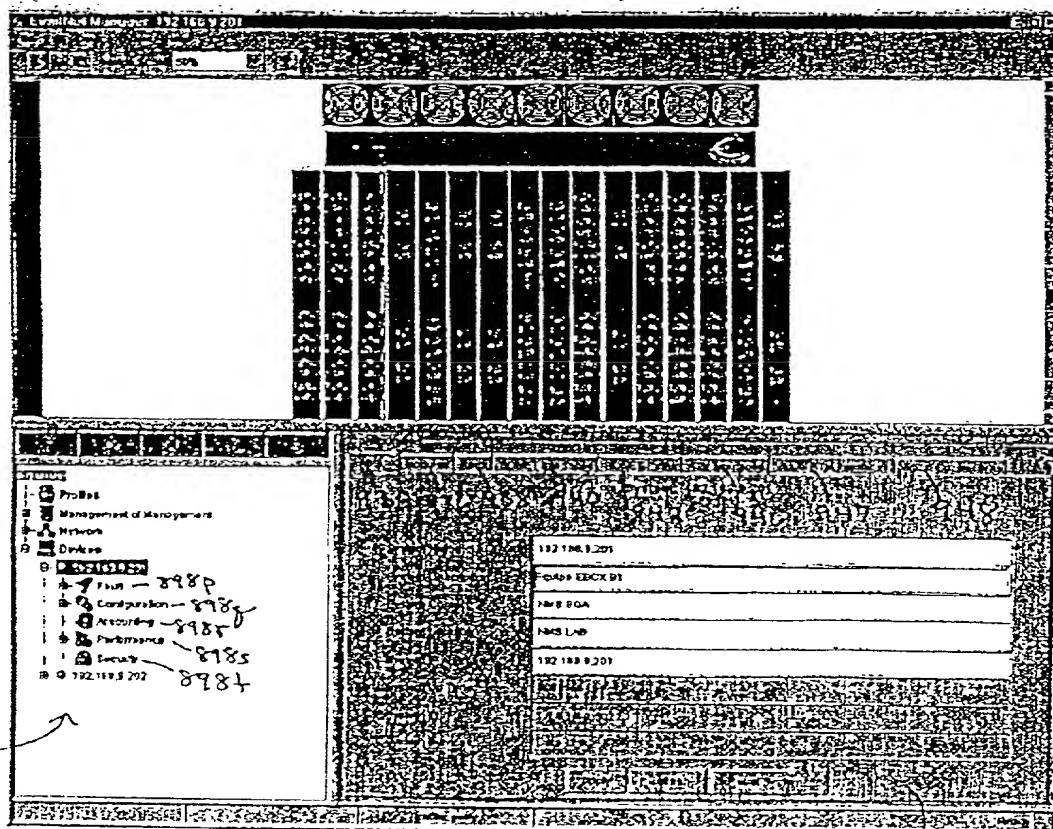


Fig. 7d

895

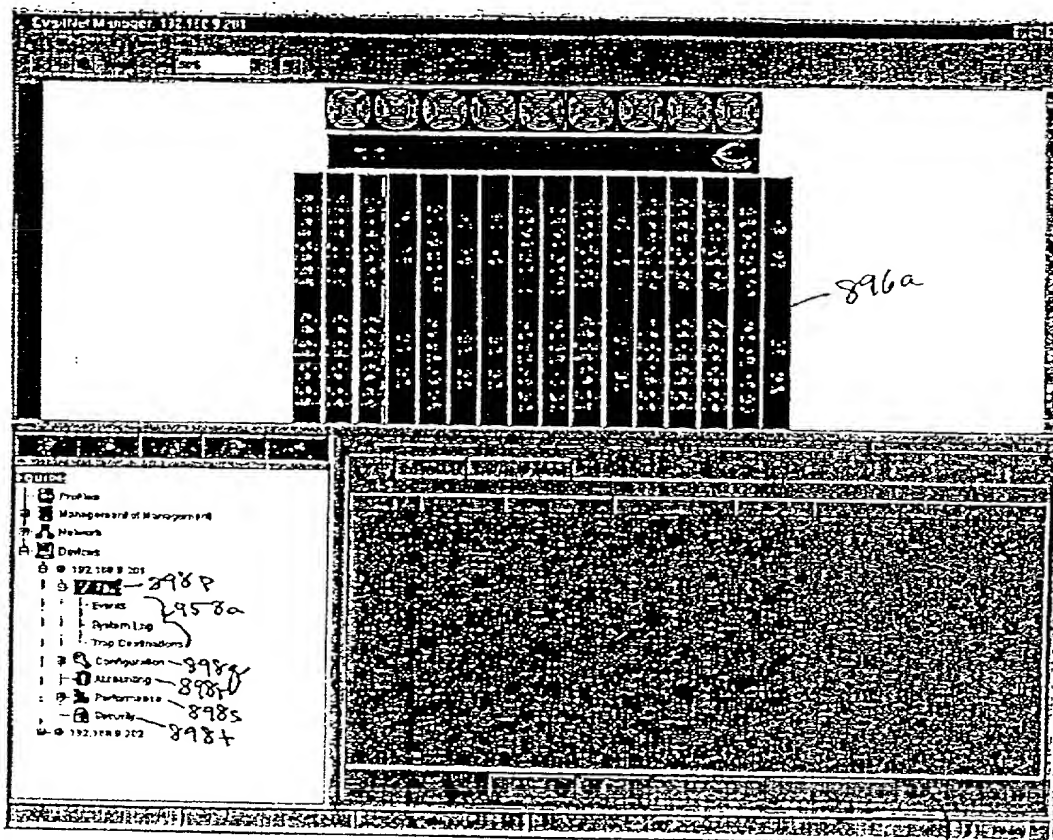
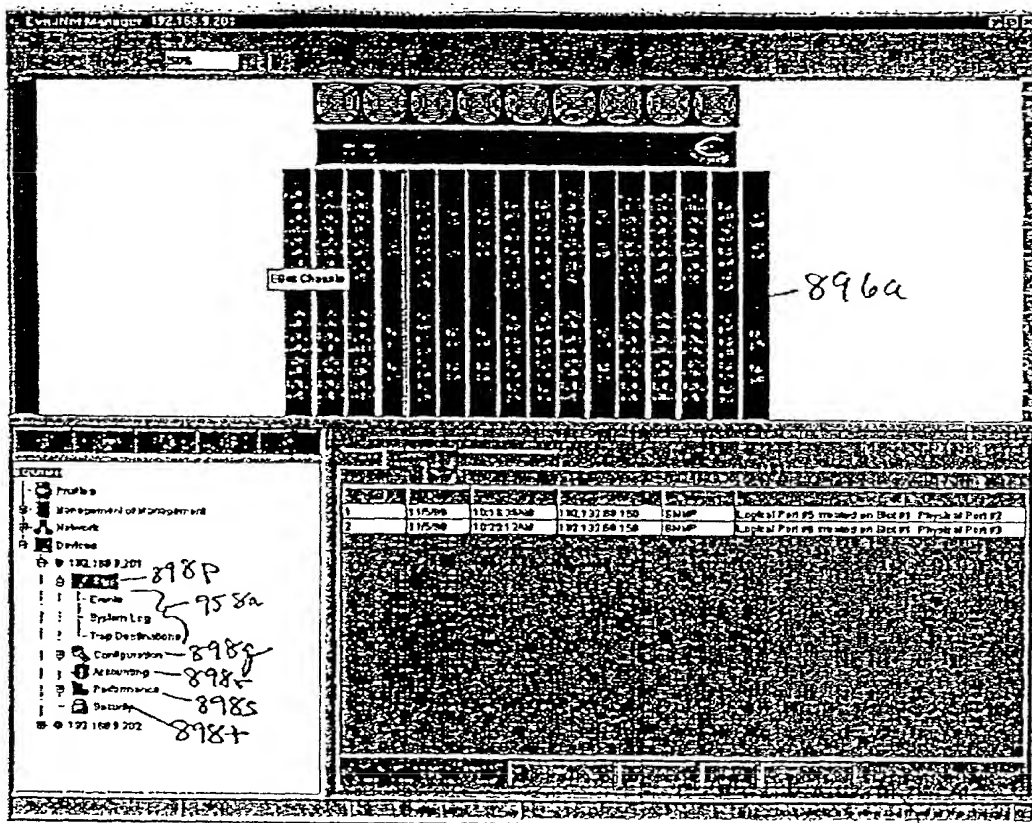


Fig. 7e

895



896a

897

Fig. 74

20150925 040001

895

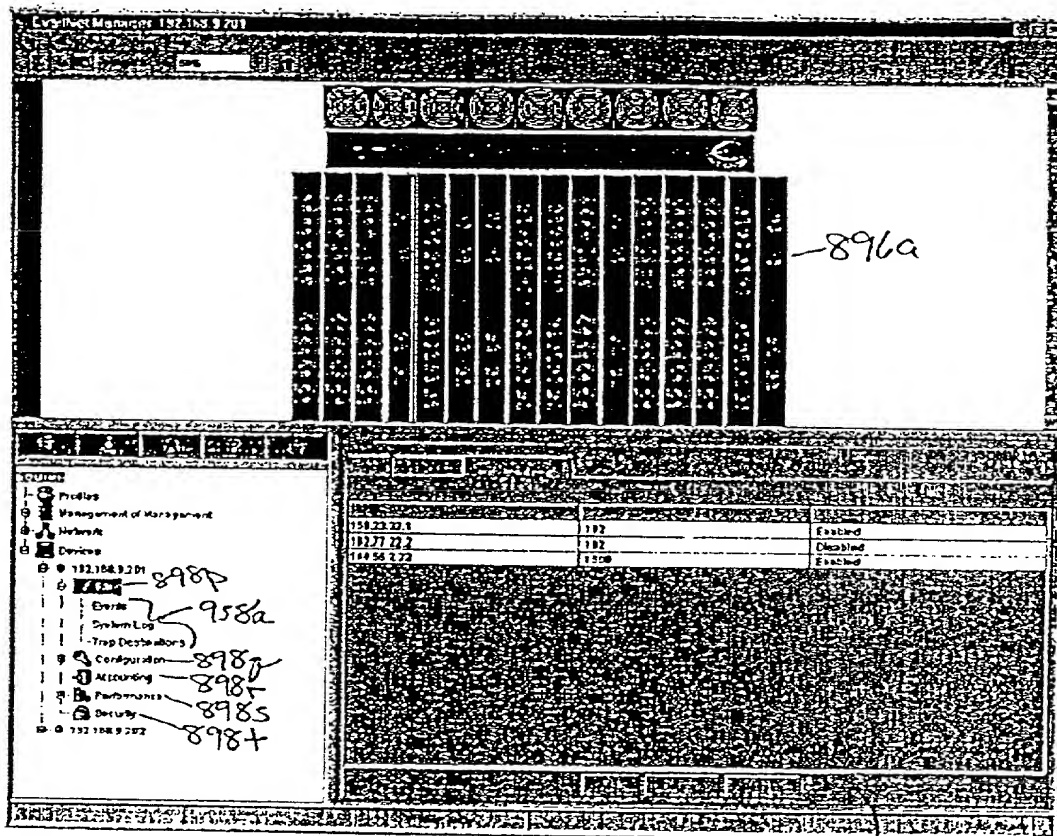


Fig. 7a

NTFS

896a

NT Explorer

System

Profiles

Management of Management

My Computer

Disk Drive

192.168.9.201

Full - 898p

Configuration - 898g

ATM Protocol

958b

Virtual Connections

Accounting - 898r

Performance - 898s

Security - 898t

192.168.9.202

NT Explorer

System

192.168.9.201

Backup Check 97

MSB SDA

MSB LAD

192.168.9.201

896a

897

Fig. 7h

895

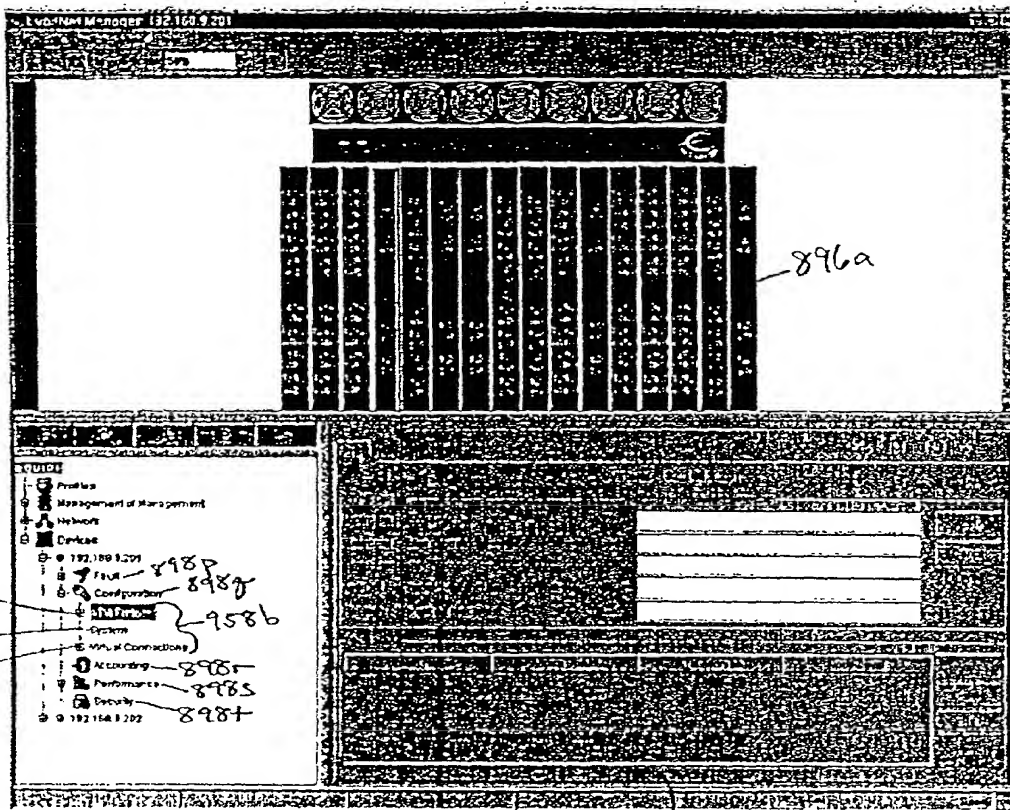


Fig. 7i

895

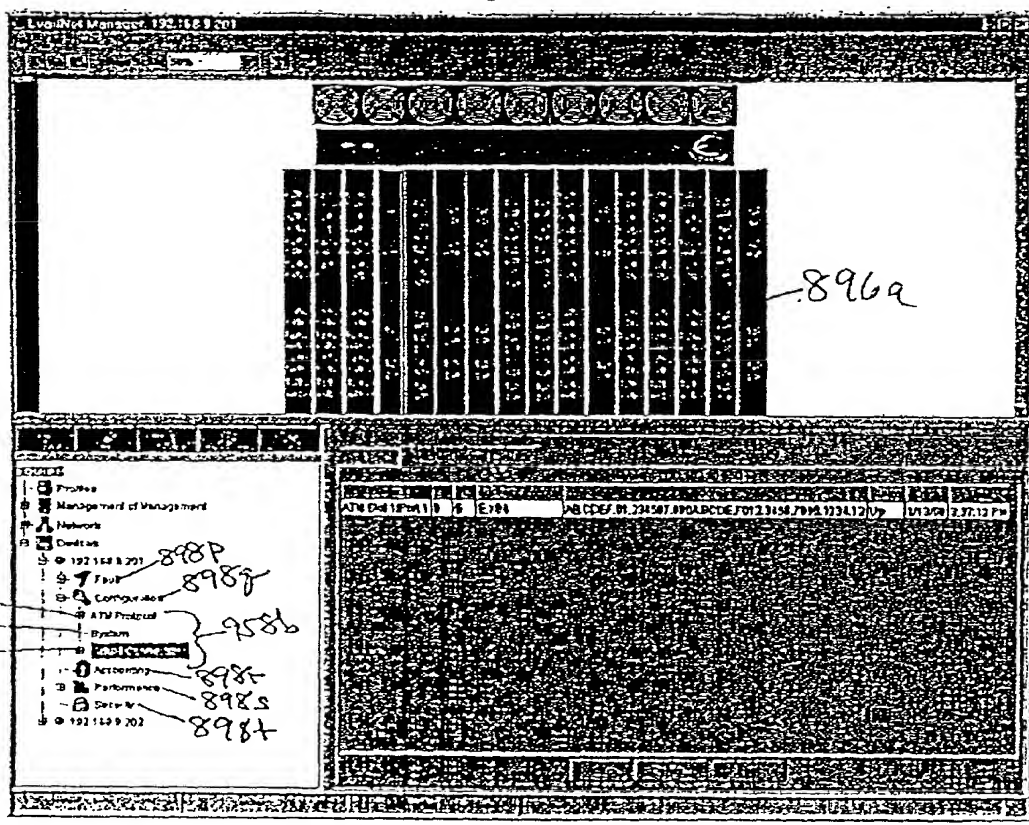


Fig. 7K

106010-066566

77

Fig. 7L

[illegible]

895

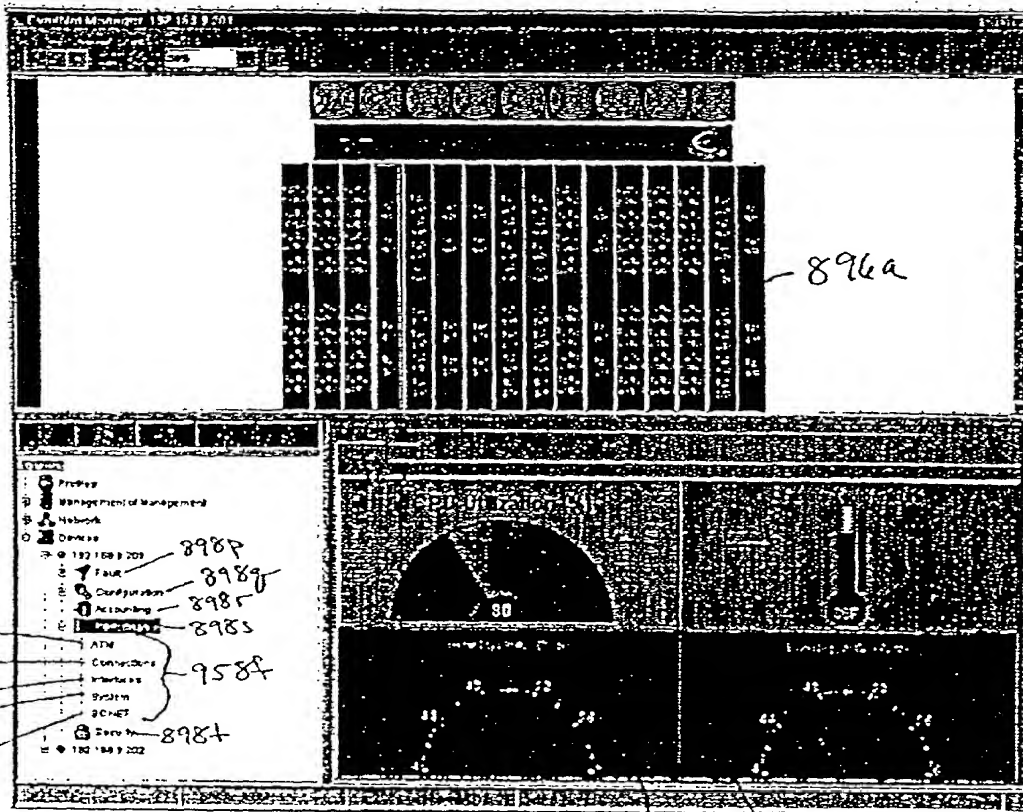


Fig. 7m

895

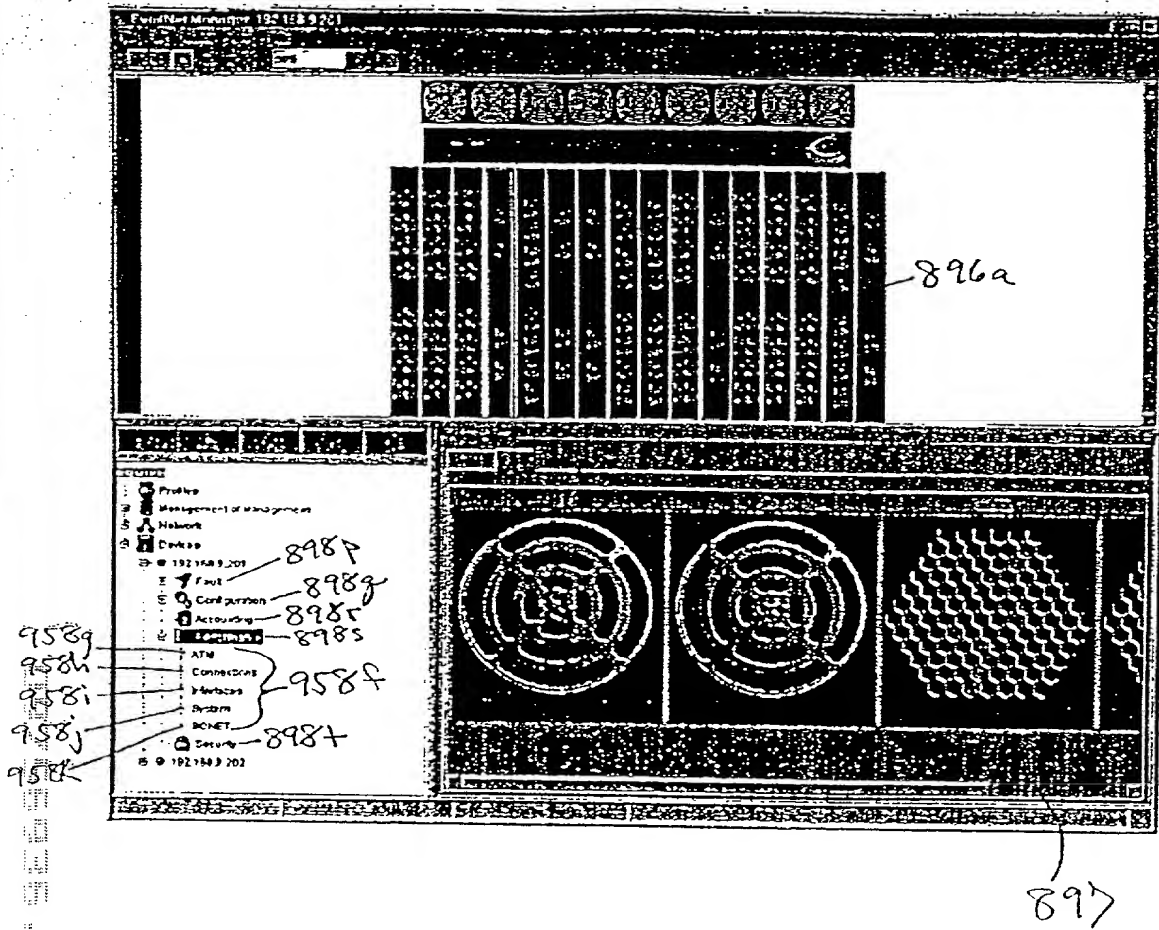
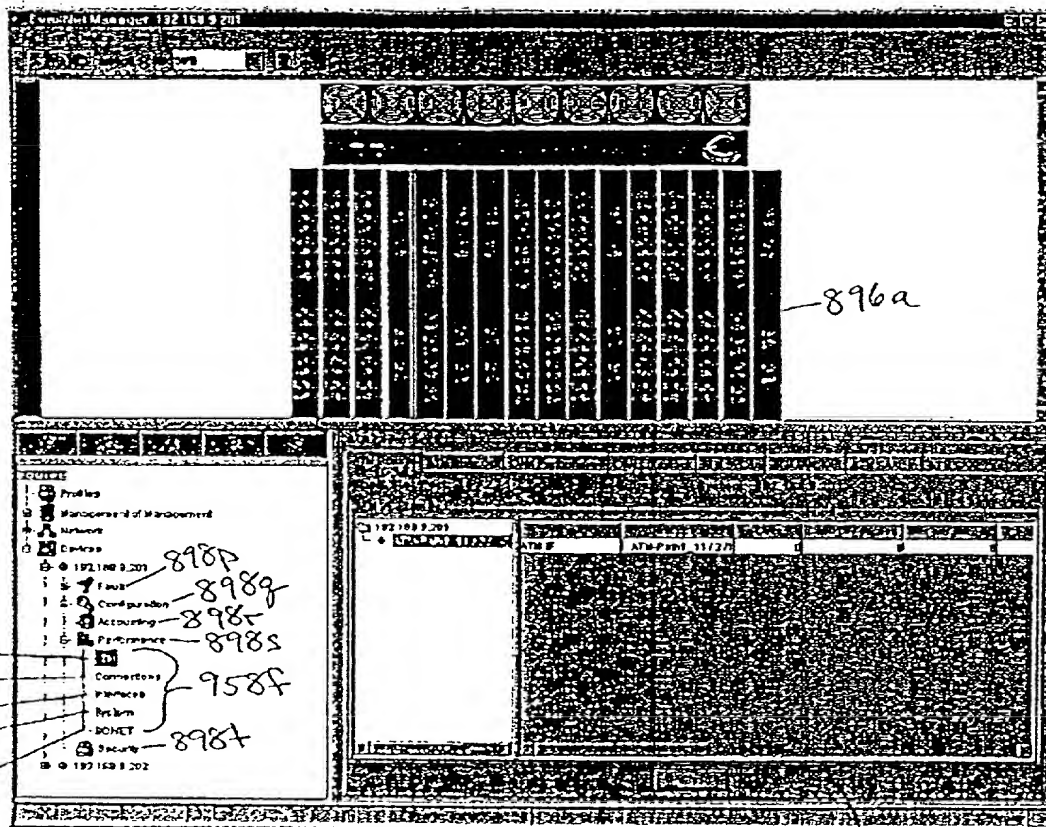


Fig. 7n

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Fig. 70

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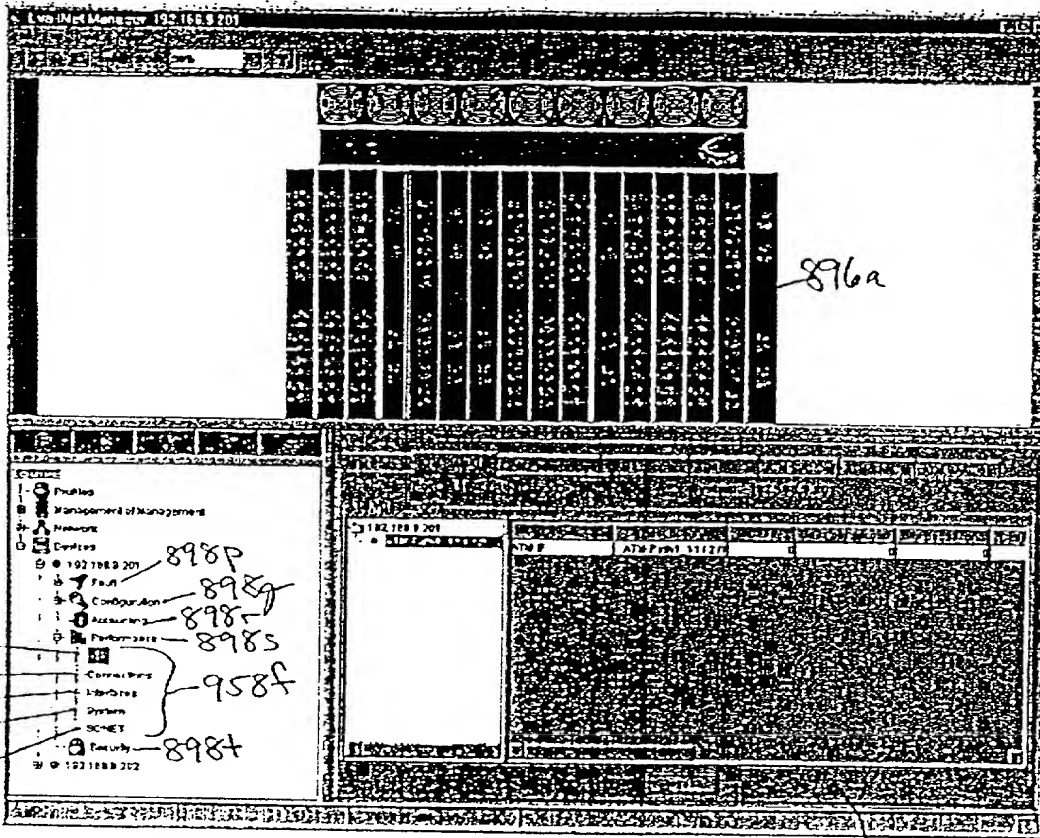
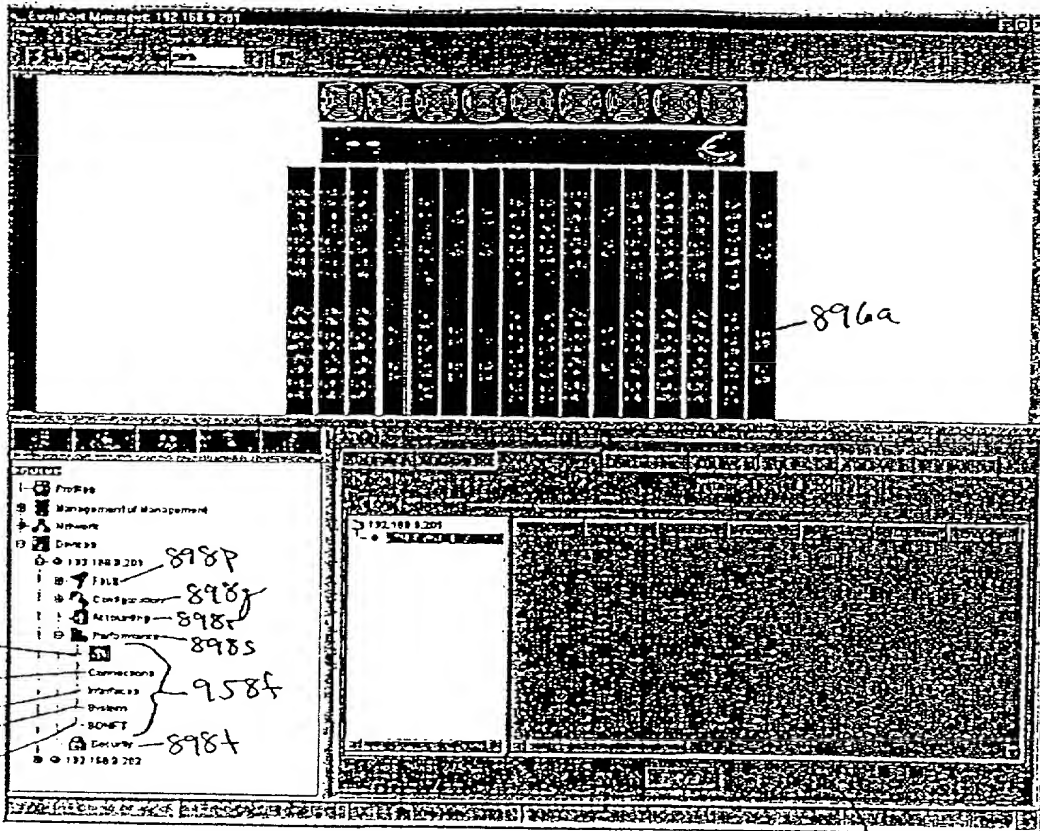


Fig. 7p

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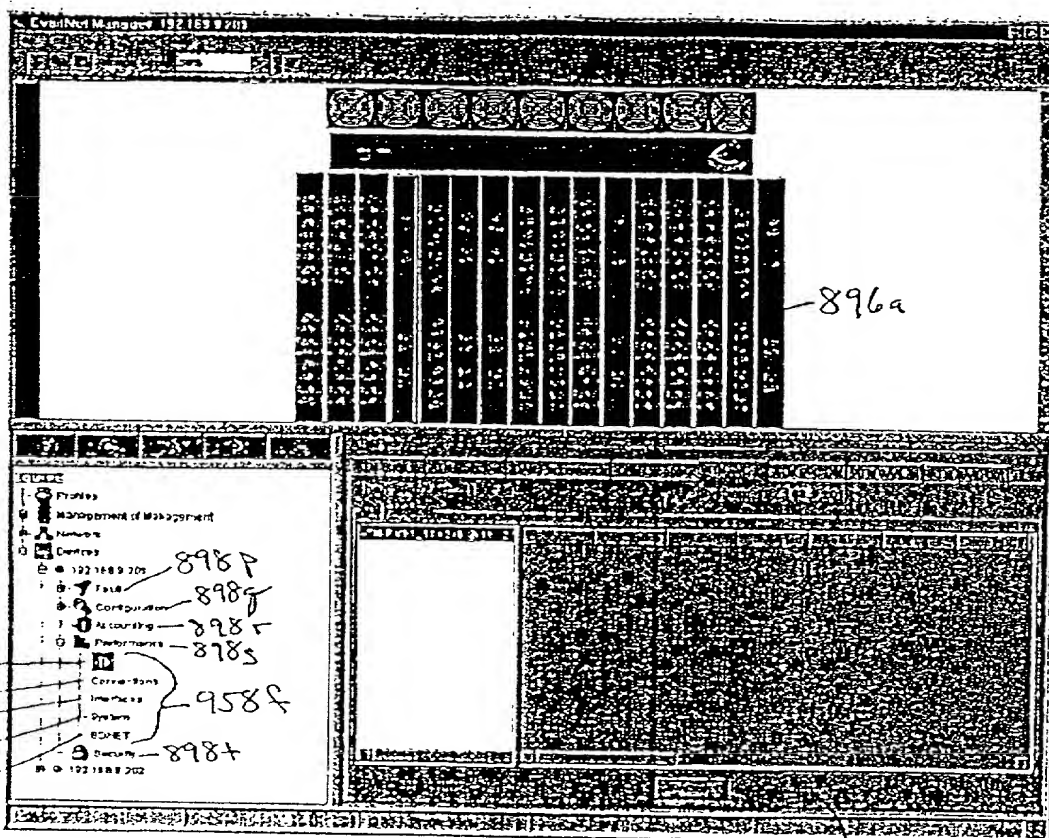
Fig. 7g

1. Processes
 2. Management of Management
 3. Networks
 4. Devices
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 6. 192.168.9.202 898g
 7. 192.168.9.203 898f
 8. 192.168.9.204 898s
 9. 192.168.9.205 958f
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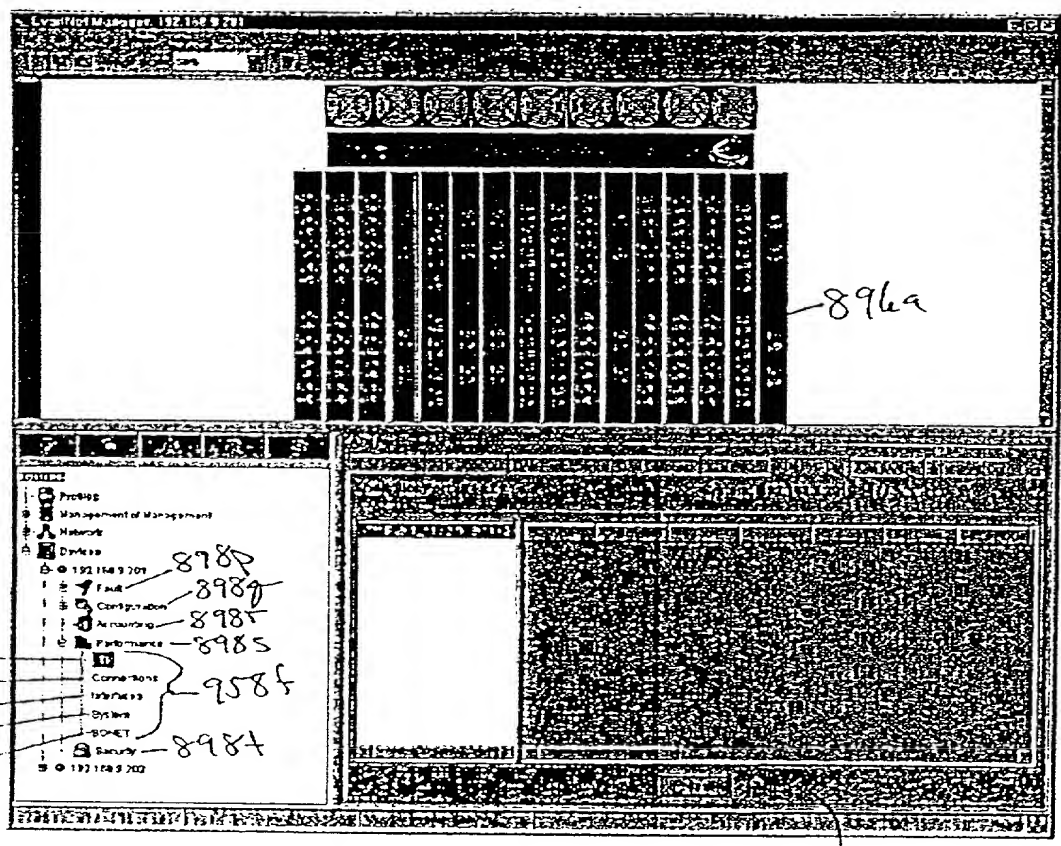
Fig. 7r



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Fig. 7s

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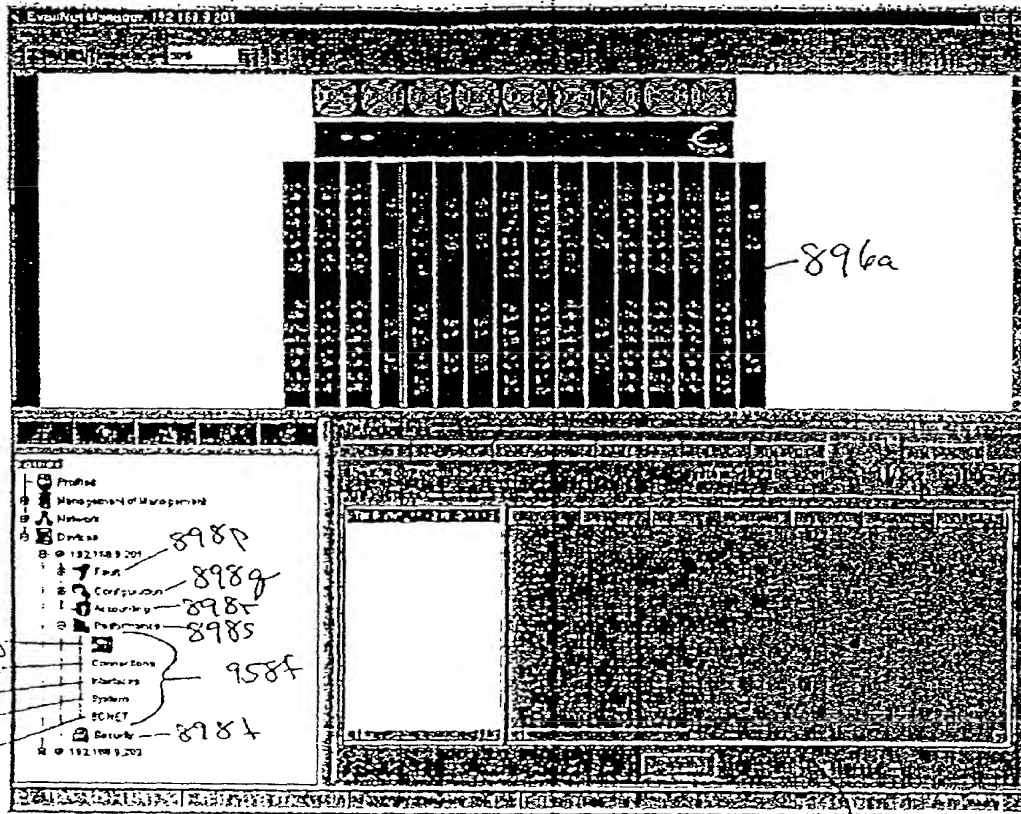


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Fig. 7+

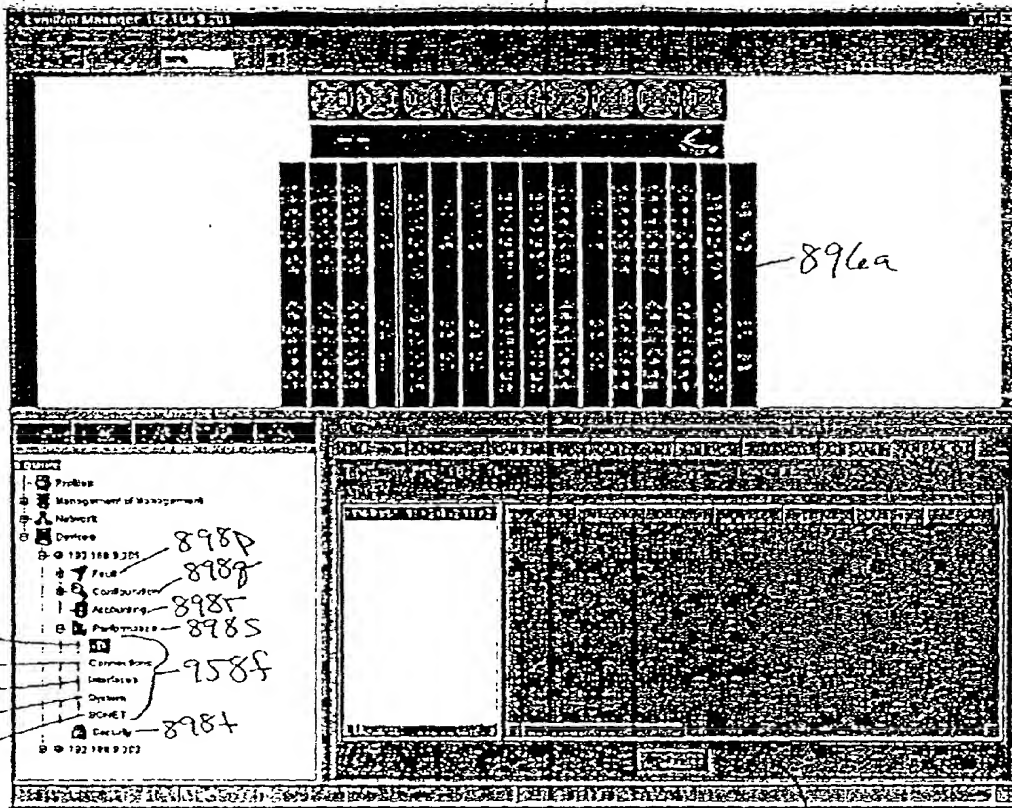
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Fig. 7u

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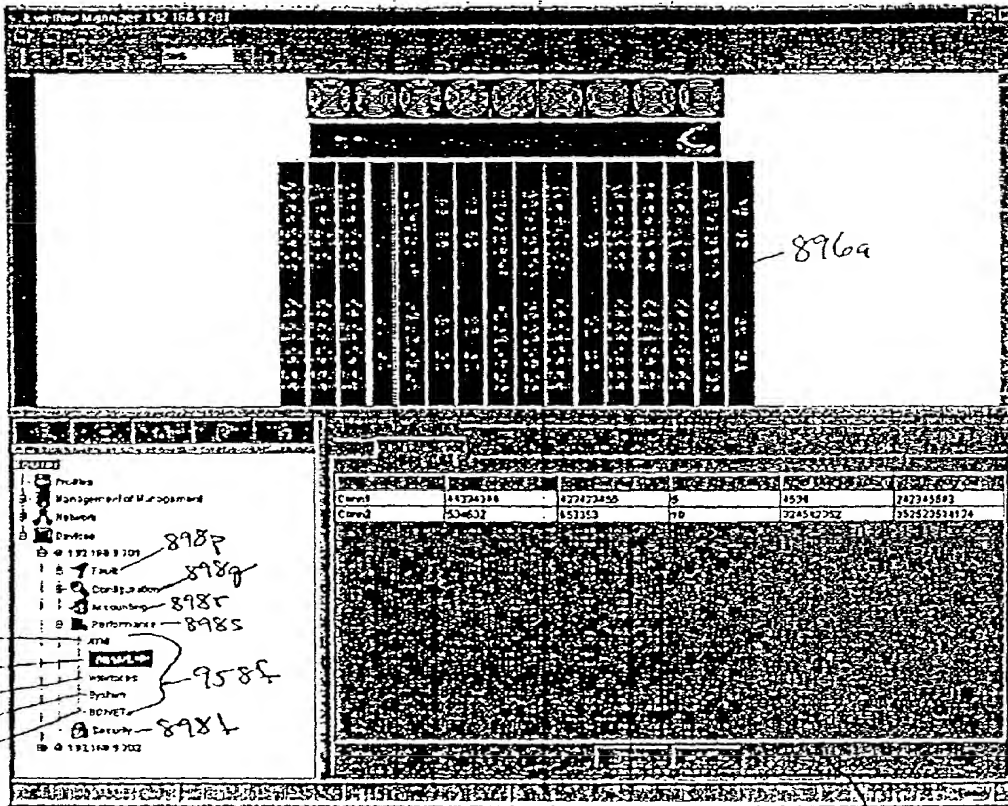


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Fig. 7v

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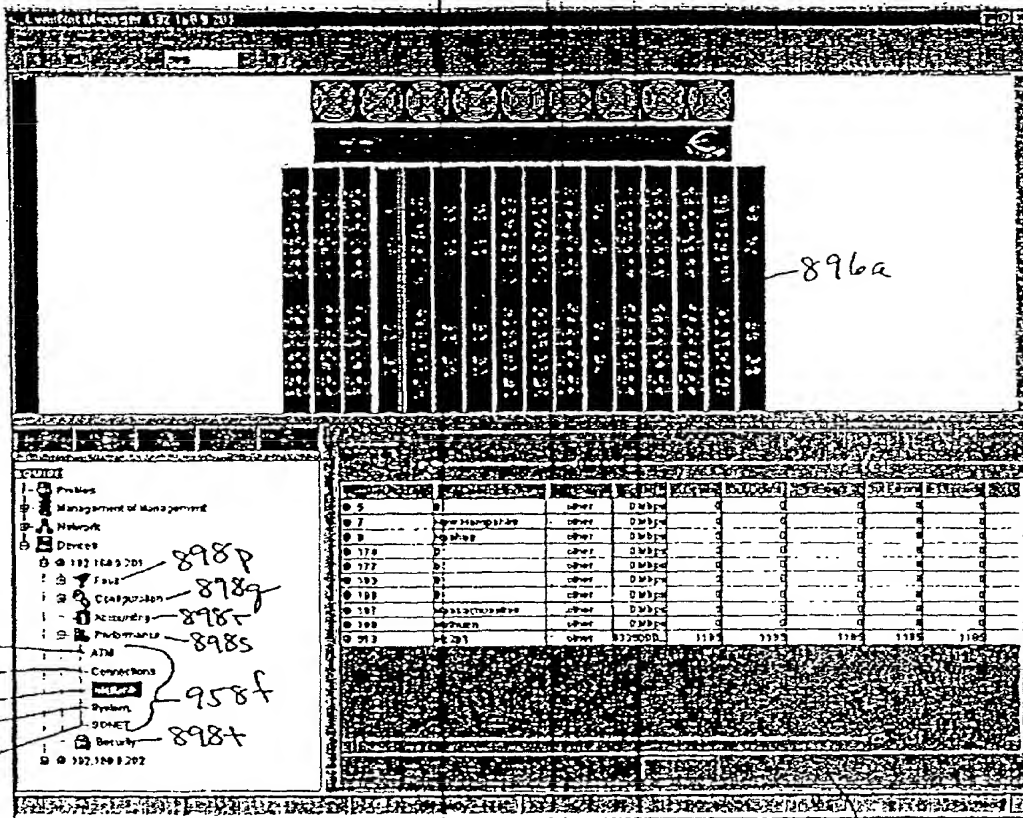
896a

958g
958h
958i
958j
958k

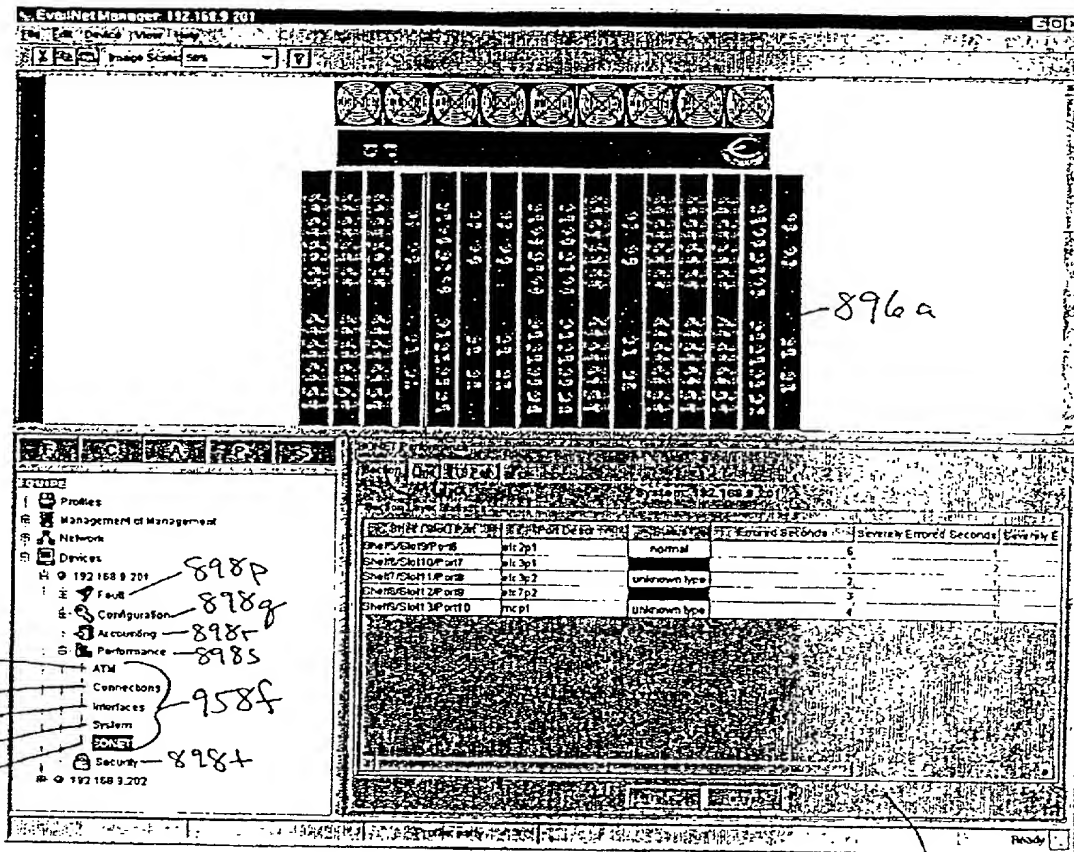
897

Fig. 7w

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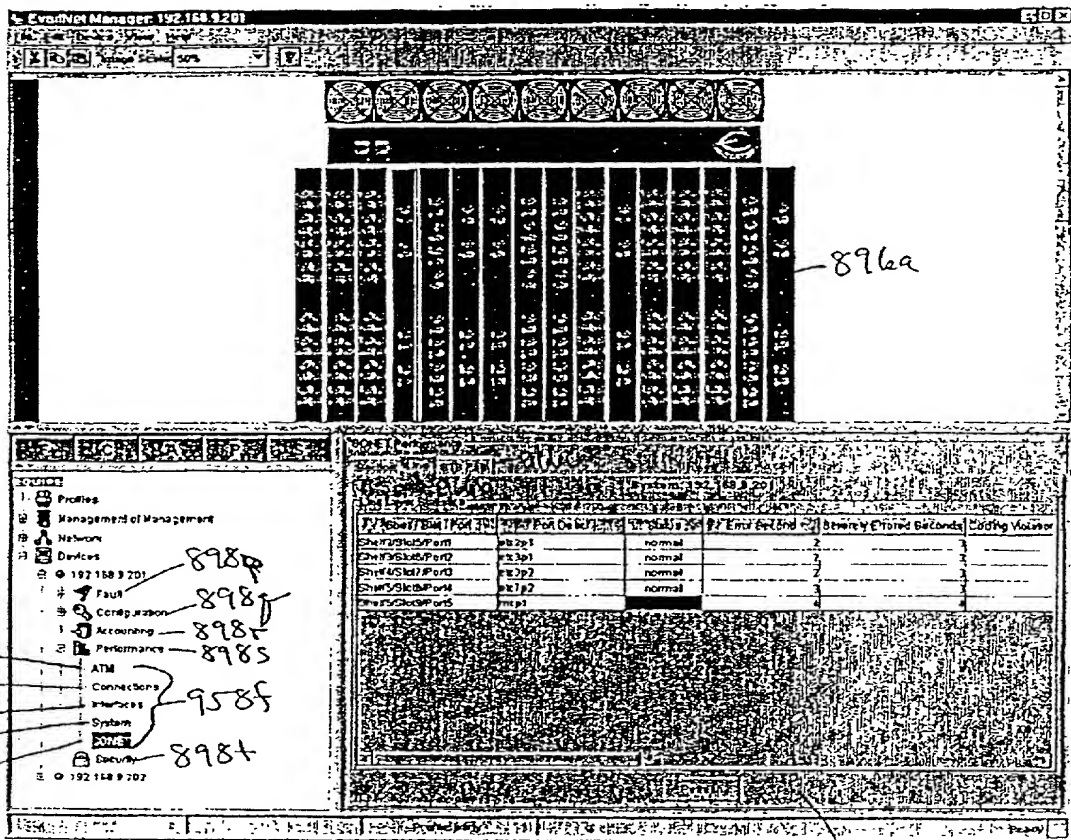
896a

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Fig. 8a

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Fig. 8b

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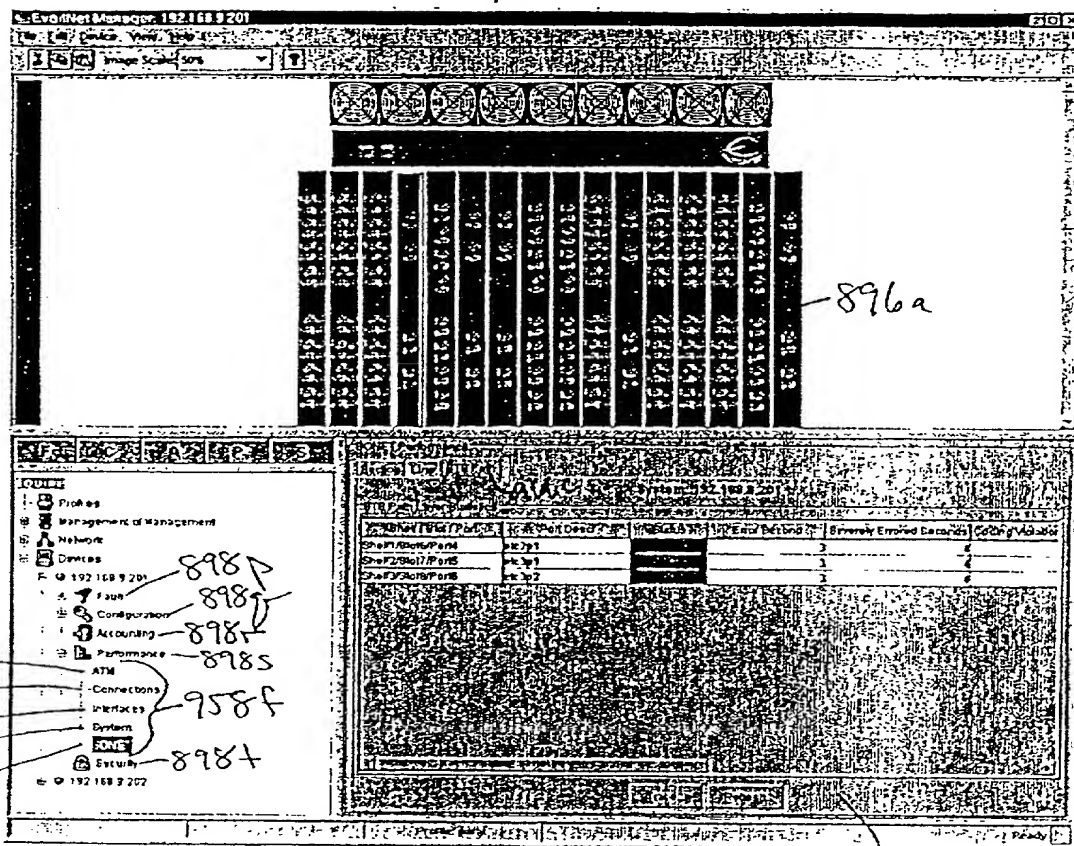


Fig. 8c

Civilian Manager, 192-188-1201
192-188-1201

No.	Name	Address	City	State	Zip
1	John Doe	123 Main St	New York	NY	10001
2	Jane Smith	456 Elm St	Los Angeles	CA	90001
3	Bob Johnson	789 Oak St	Chicago	IL	60601
4	Alice Brown	101 Pine St	San Francisco	CA	94101
5	Charlie White	202 Cedar St	Houston	TX	77001
6	Diana Green	303 Birch St	Phoenix	AZ	85001
7	Frank Black	404 Maple St	Philadelphia	PA	19101
8	Grace Lee	505 Walnut St	San Diego	CA	92101
9	Henry King	606 Cherry St	Portland	OR	97201
10	Ivy Hill	707 Elm St	Seattle	WA	98101
11	Jack Adams	808 Oak St	Denver	CO	80201
12	Karen Baker	909 Pine St	San Jose	CA	95101
13	Liam Clark	1010 Cedar St	San Antonio	TX	78201
14	Mia Evans	1111 Birch St	San Jose	CA	95101
15	Noah Foster	1212 Maple St	San Jose	CA	95101
16	Olivia Gibson	1313 Walnut St	San Jose	CA	95101
17	Peter Hall	1414 Cherry St	San Jose	CA	95101
18	Quinn Harris	1515 Elm St	San Jose	CA	95101
19	Rachel King	1616 Oak St	San Jose	CA	95101
20	Samuel Lee	1717 Pine St	San Jose	CA	95101
21	Tina Miller	1818 Cedar St	San Jose	CA	95101
22	Victor Moore	1919 Birch St	San Jose	CA	95101
23	Wendy Taylor	2020 Maple St	San Jose	CA	95101
24	Xavier White	2121 Walnut St	San Jose	CA	95101
25	Yara Young	2222 Cherry St	San Jose	CA	95101
26	Zoe Adams	2323 Elm St	San Jose	CA	95101
27	Adam Baker	2424 Oak St	San Jose	CA	95101
28	Eve Clark	2525 Pine St	San Jose	CA	95101
29	Frank Evans	2626 Cedar St	San Jose	CA	95101
30	Grace Foster	2727 Birch St	San Jose	CA	95101
31	Henry Gibson	2828 Maple St	San Jose	CA	95101
32	Ivy Hall	2929 Walnut St	San Jose	CA	95101
33	Jack King	3030 Cherry St	San Jose	CA	95101
34	Karen Lee	3131 Elm St	San Jose	CA	95101
35	Liam Miller	3232 Oak St	San Jose	CA	95101
36	Mia Moore	3333 Pine St	San Jose	CA	95101
37	Noah Taylor	3434 Cedar St	San Jose	CA	95101
38	Olivia White	3535 Birch St	San Jose	CA	95101
39	Peter Adams	3636 Maple St	San Jose	CA	95101
40	Quinn Baker	3737 Walnut St	San Jose	CA	95101
41	Rachel Clark	3838 Cherry St	San Jose	CA	95101
42	Samuel Evans	3939 Elm St	San Jose	CA	95101
43	Tina Foster	4040 Oak St	San Jose	CA	95101
44	Victor Gibson	4141 Pine St	San Jose	CA	95101
45	Wendy Hall	4242 Cedar St	San Jose	CA	95101
46	Xavier King	4343 Birch St	San Jose	CA	95101
47	Yara Lee	4444 Maple St	San Jose	CA	95101
48	Zoe Miller	4545 Walnut St	San Jose	CA	95101
49	Adam Moore	4646 Cherry St	San Jose	CA	95101
50	Eve Taylor	4747 Elm St	San Jose	CA	95101
51	Frank White	4848 Oak St	San Jose	CA	95101
52	Grace Adams	4949 Pine St	San Jose	CA	95101
53	Henry Baker	5050 Cedar St	San Jose	CA	95101
54	Ivy Clark	5151 Birch St	San Jose	CA	95101
55	Jack Evans	5252 Maple St	San Jose	CA	95101
56	Karen Foster	5353 Walnut St	San Jose	CA	95101
57	Liam Gibson	5454 Cherry St	San Jose	CA	95101
58	Mia Hall	5555 Elm St	San Jose	CA	95101
59	Noah King	5656 Oak St	San Jose	CA	95101
60	Olivia Lee	5757 Pine St	San Jose	CA	95101
61	Peter Miller	5858 Cedar St	San Jose	CA	95101
62	Quinn Moore	5959 Birch St	San Jose	CA	95101
63	Rachel Taylor	6060 Maple St	San Jose	CA	95101
64	Samuel White	6161 Walnut St	San Jose	CA	95101
65	Tina Adams	6262 Cherry St	San Jose	CA	95101
66	Victor Baker	6363 Elm St	San Jose	CA	95101
67	Wendy Clark	6464 Oak St	San Jose	CA	95101
68	Xavier Evans	6565 Pine St	San Jose	CA	95101
69	Yara Foster	6666 Cedar St	San Jose	CA	95101
70	Zoe Gibson	6767 Birch St	San Jose	CA	95101
71	Adam Hall	6868 Maple St	San Jose	CA	95101
72	Eve King	6969 Walnut St	San Jose	CA	95101
73	Frank Lee	7070 Cherry St	San		

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897

Fig. 8e

[illegible]

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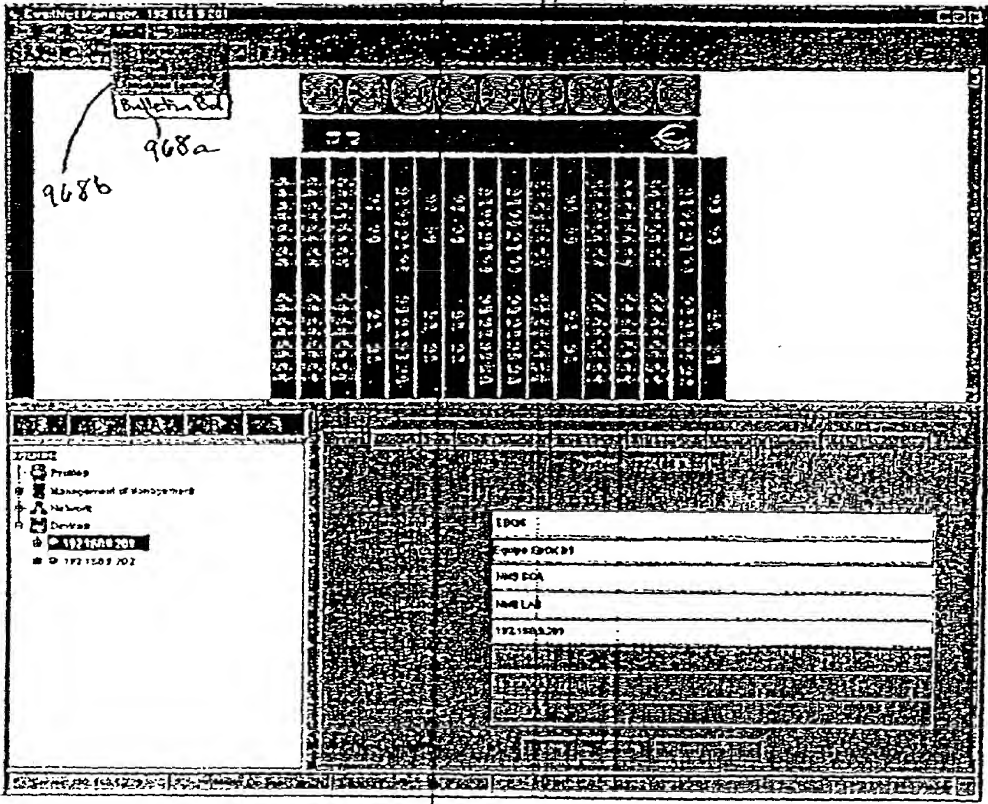
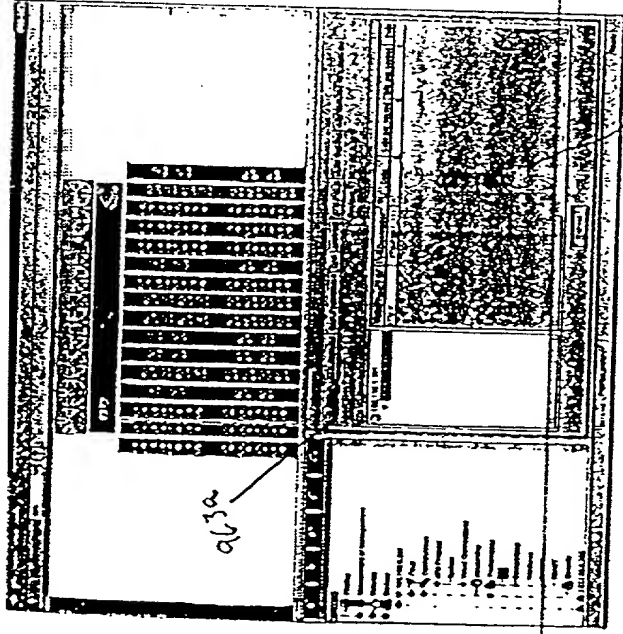


Fig. 9a

00755036 0109004

895 →

971c ← 970a

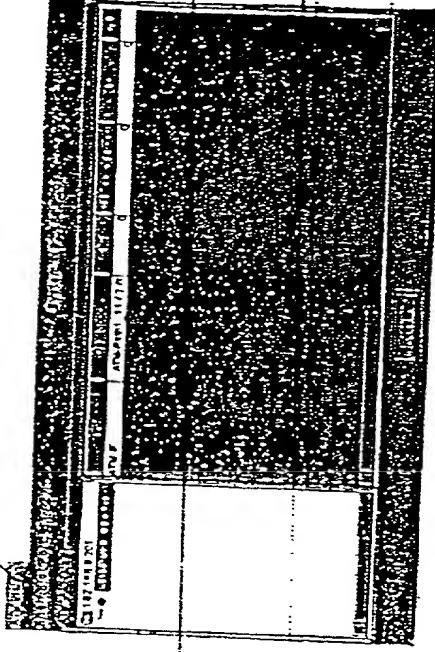


963a

969a

971d -

Fig. 9b



963a

971c

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971g 971b 971a

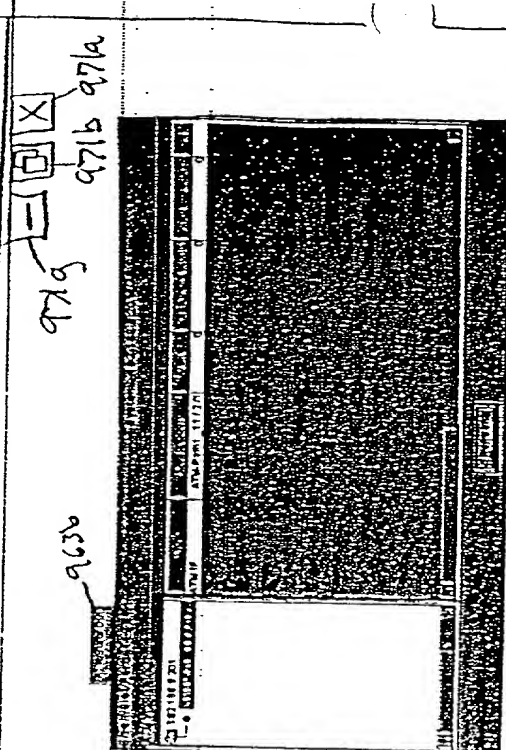
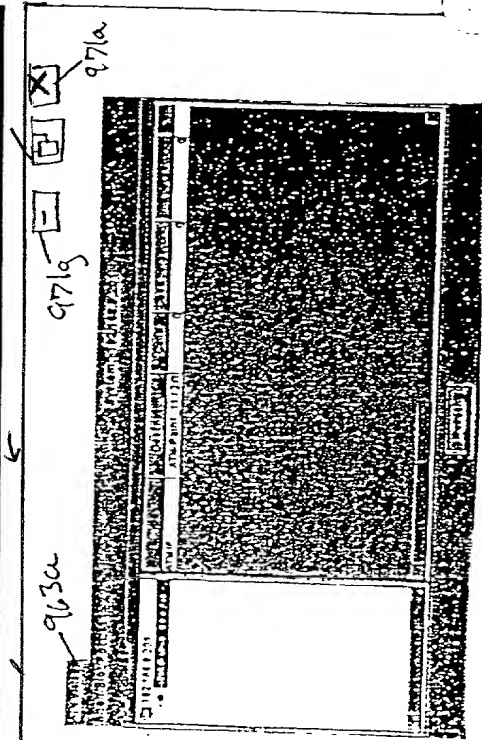
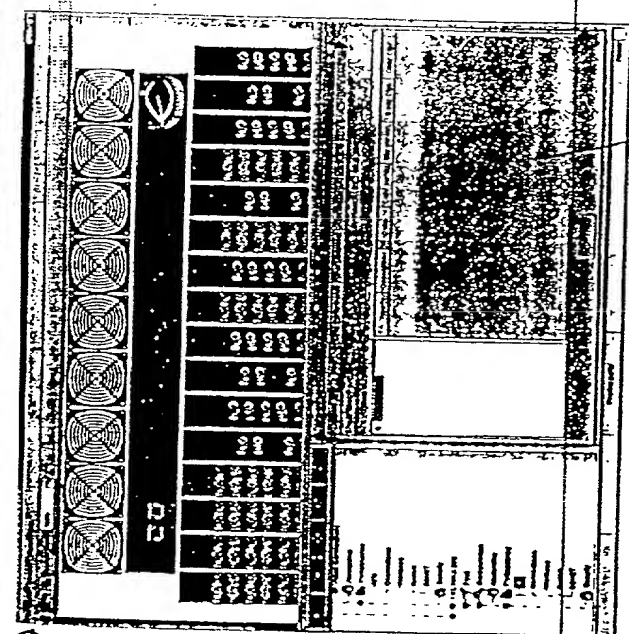


Fig. 9c

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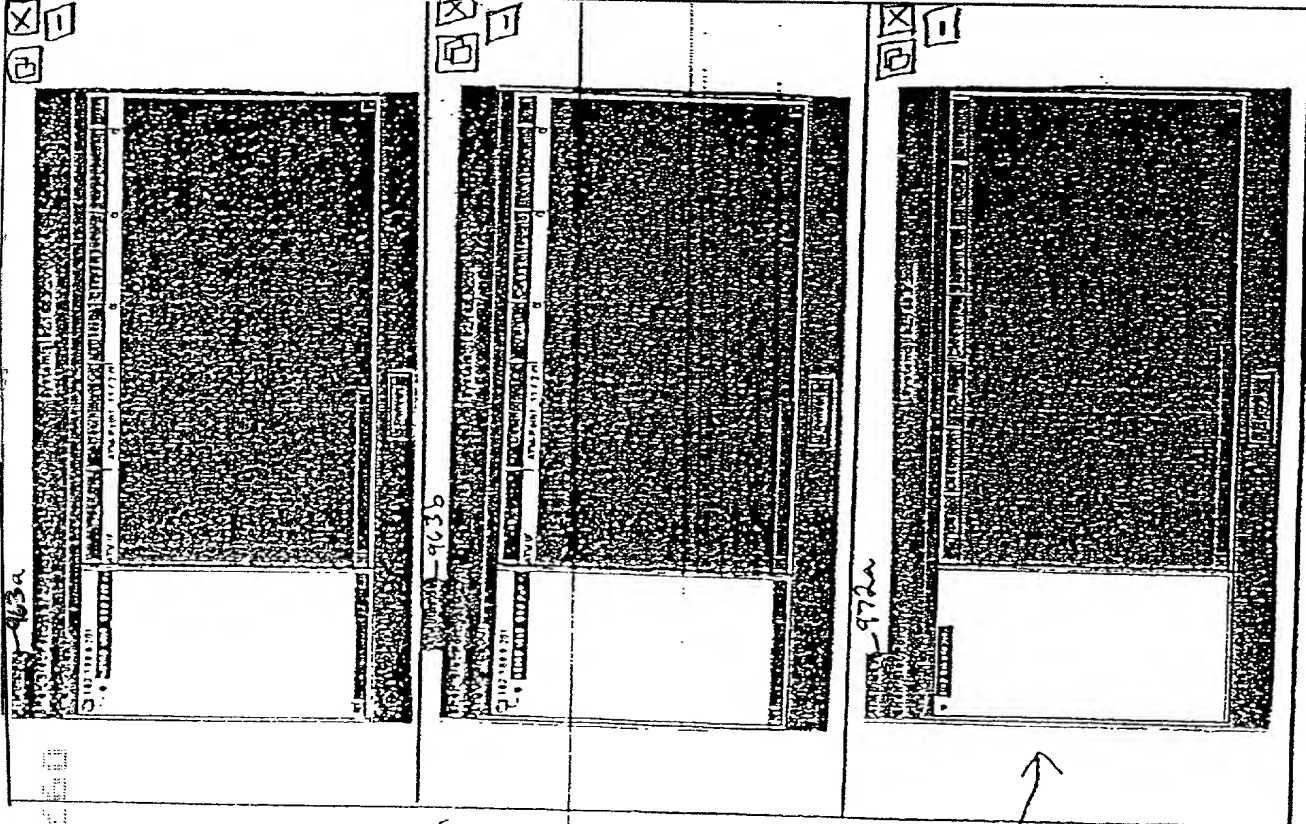
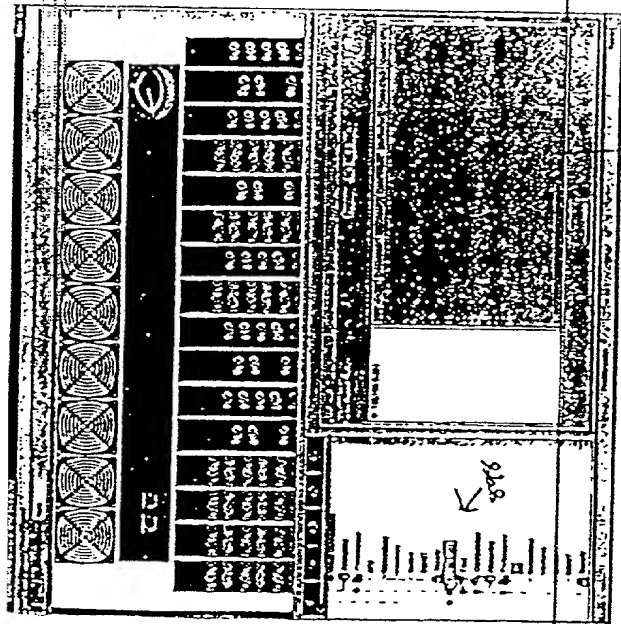
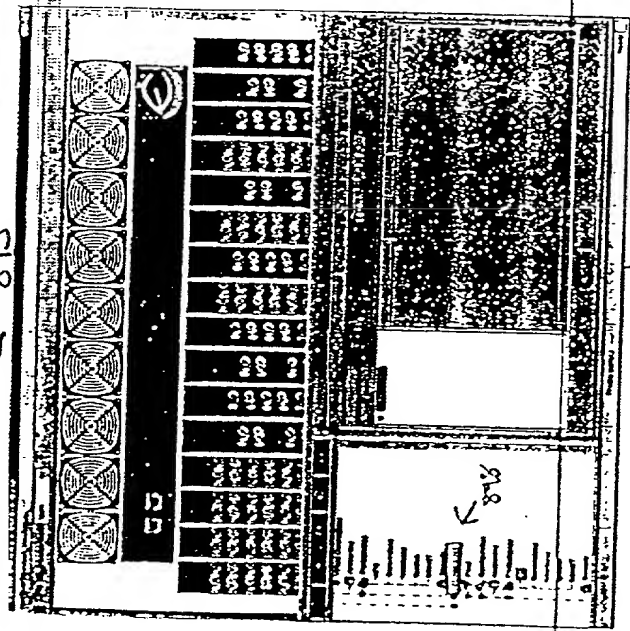


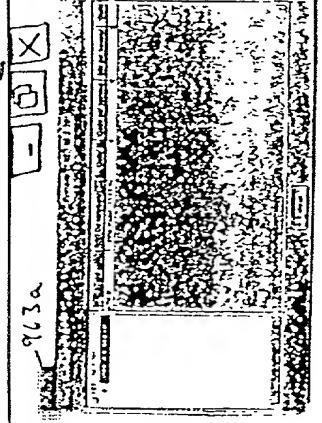
Fig. 9d

← 895

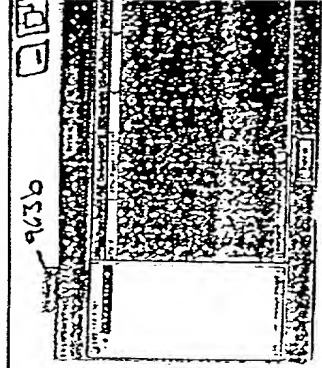


← 896

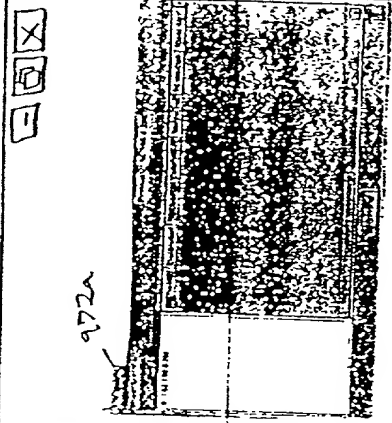
← 963a



963b



972a



972b

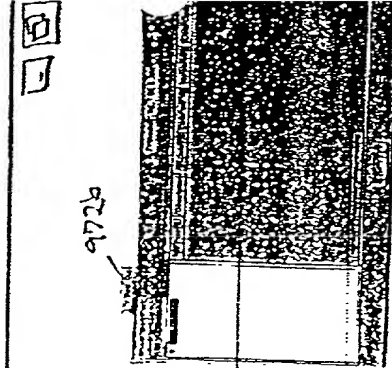
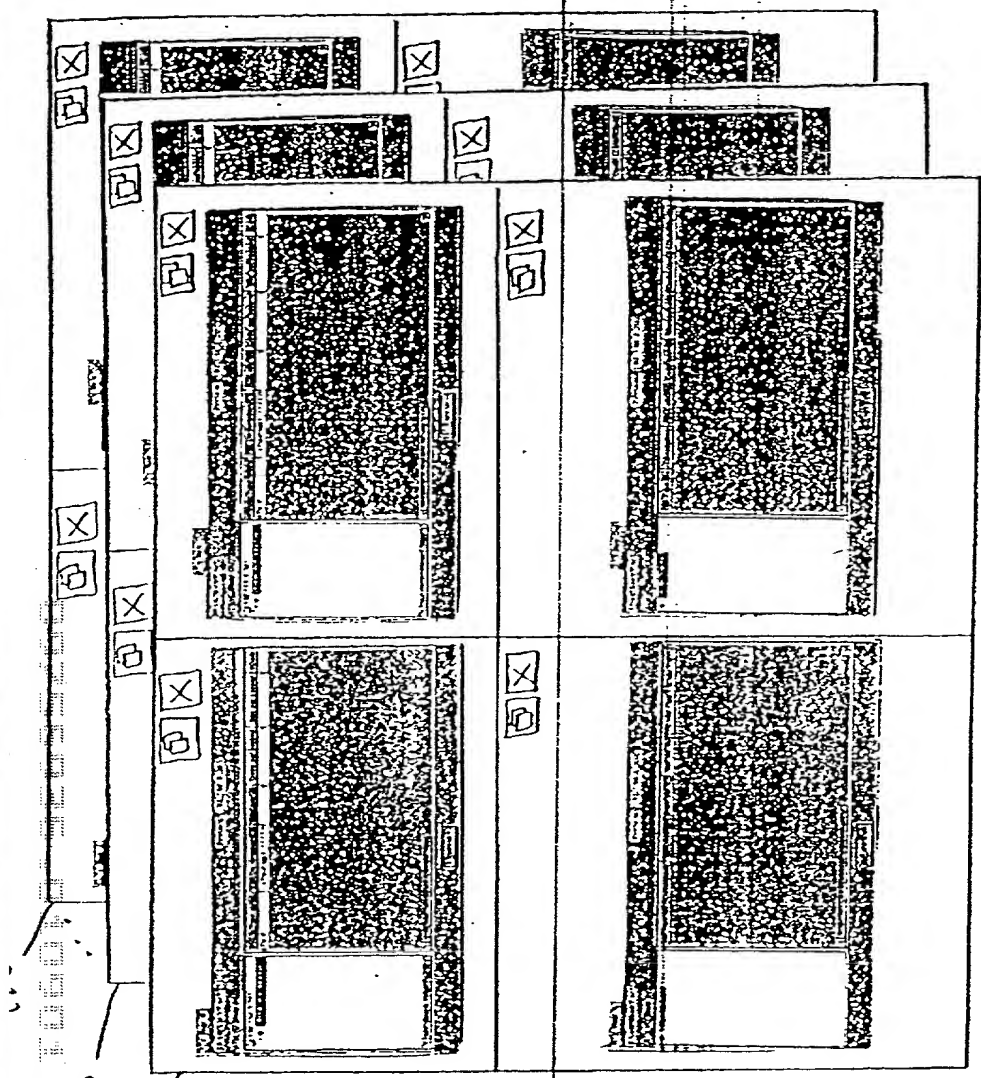


Fig. 9e.

969d



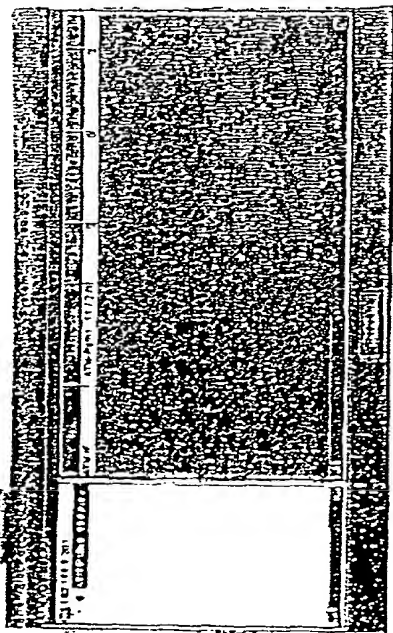


970b

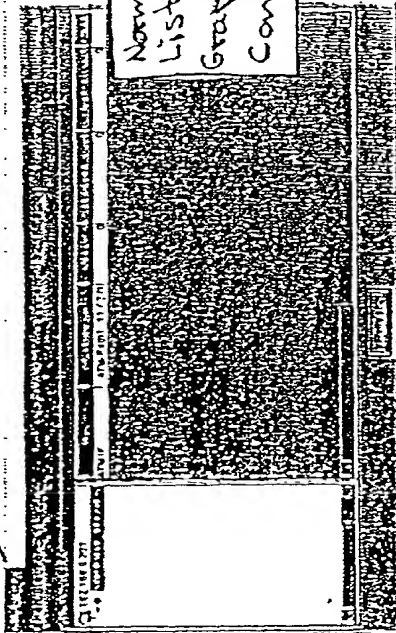
970a

Fig. 95

FIG. 9



973a



973

Normal
List
Graph
Config

Fig. 9g

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Description: ATM-Path 1_11/2/4

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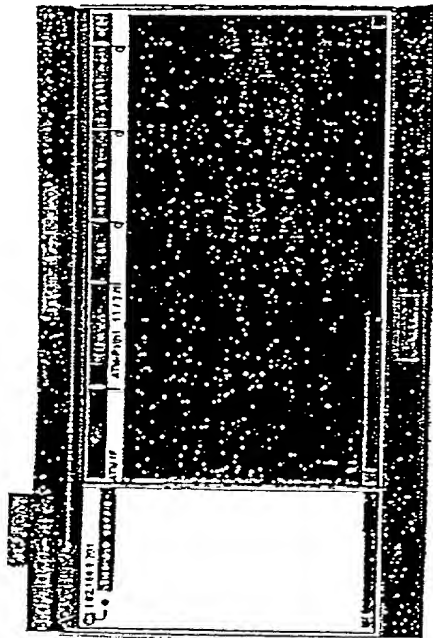
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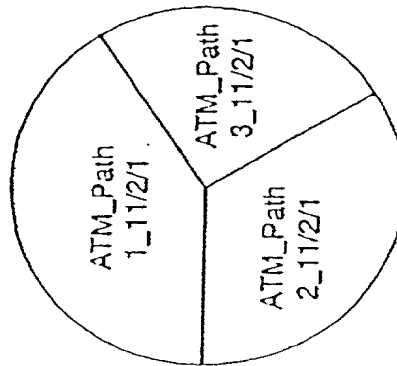
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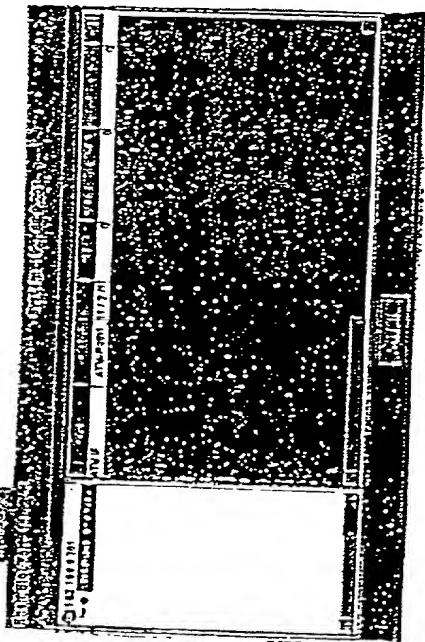


←9746

Fig. 9i

100010-92094260

1 B X



1 B X

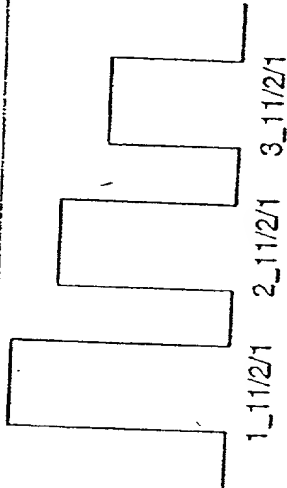
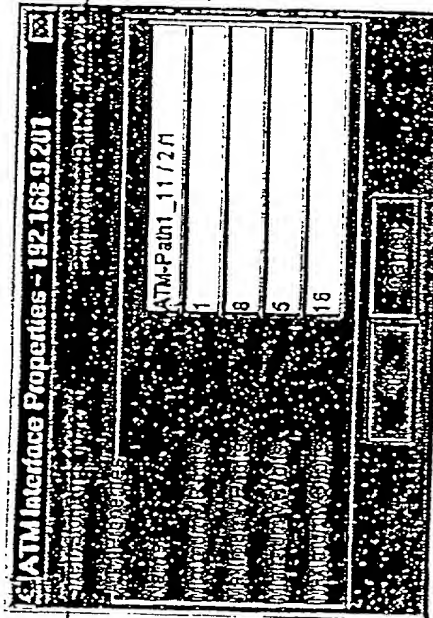
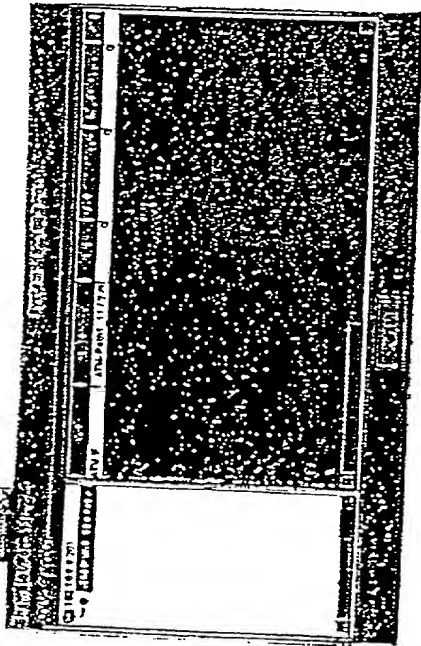


Fig. 9j

974c

100010-9999260

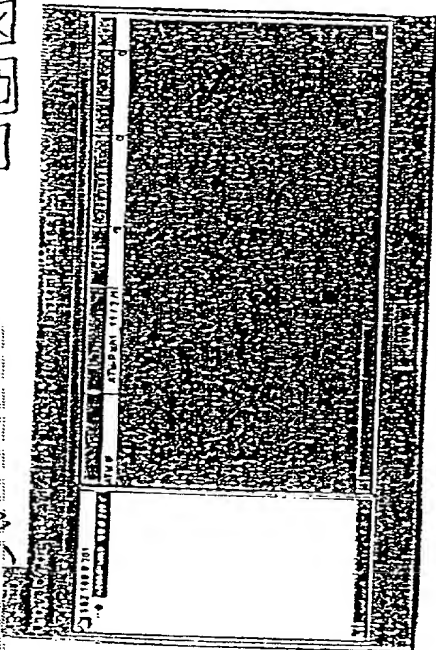


9742

Fig. 9K





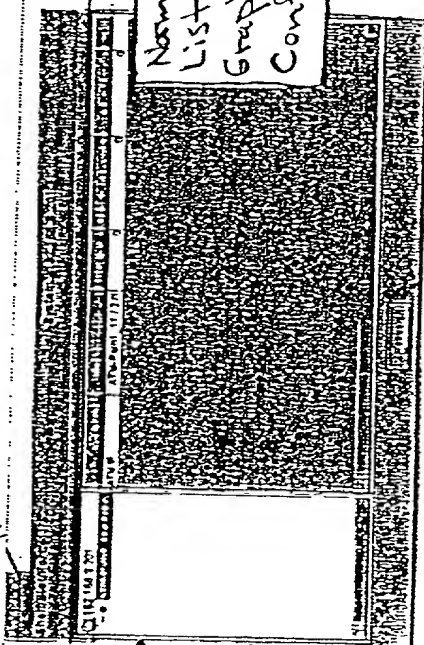


9692-

963a



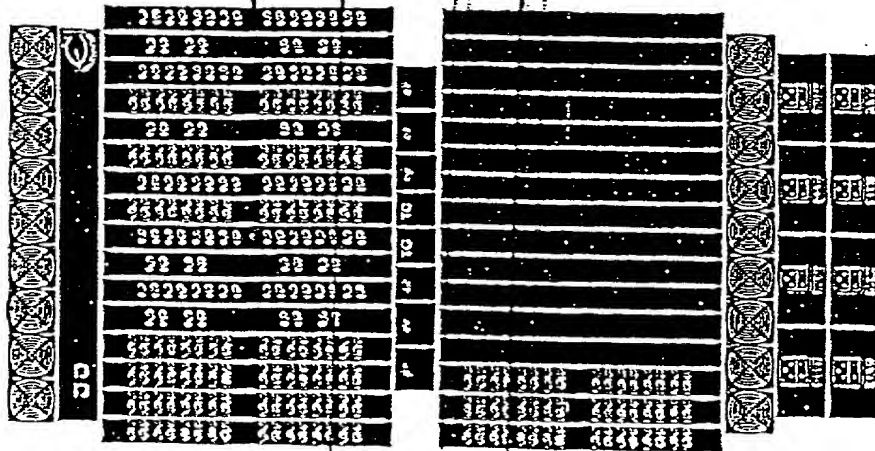
Normal
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17.9.91

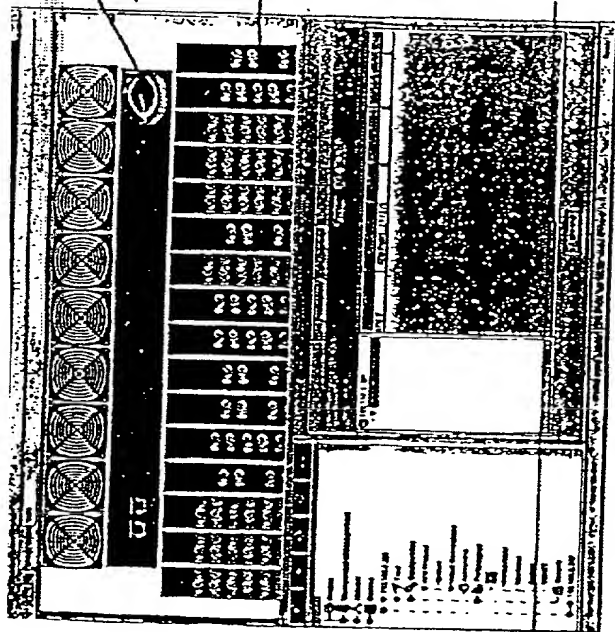


System: 192.168.9.201



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897

Fig. 9m

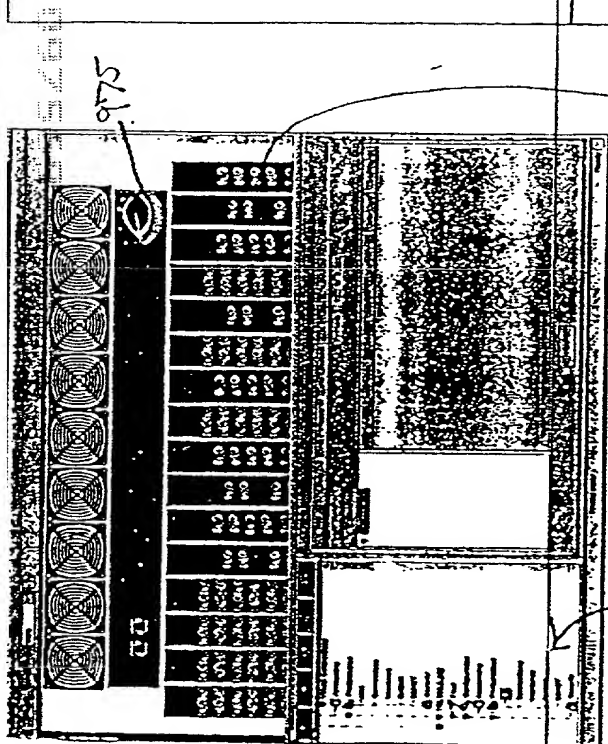
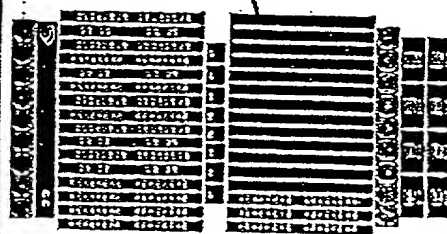


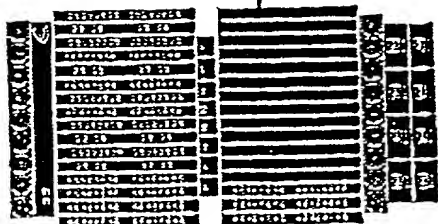
Fig. 9.

60696

System: 192.168.9.202



System:
192.168.9.201



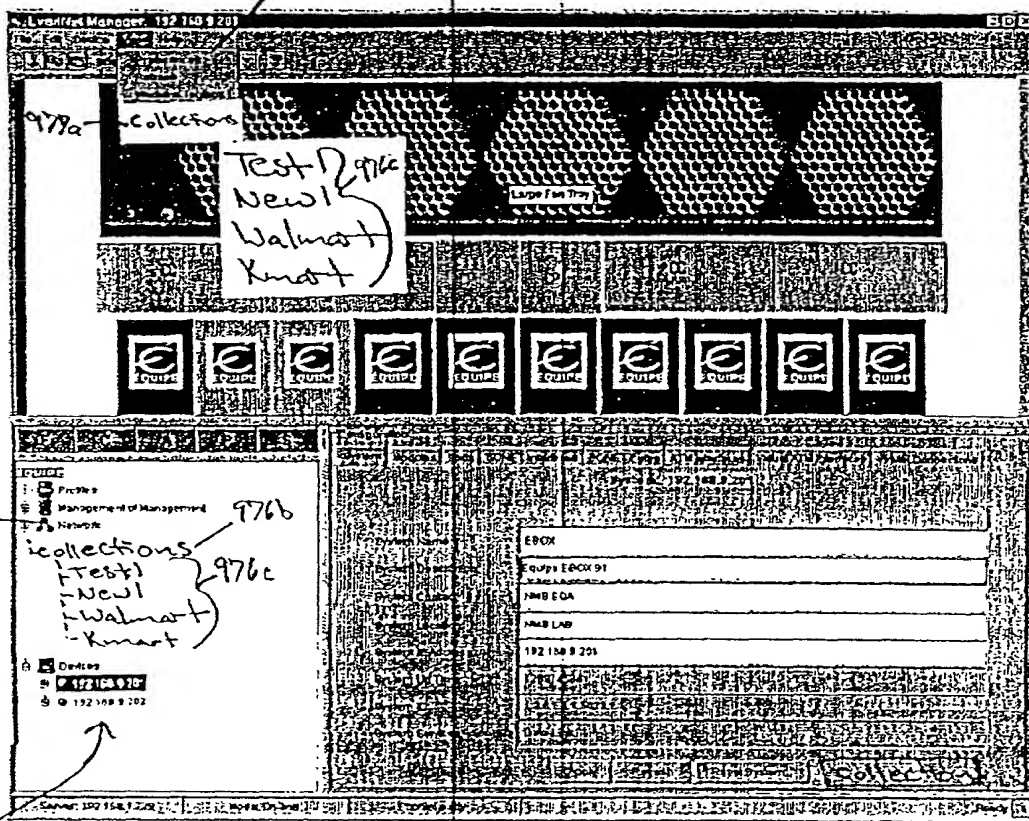
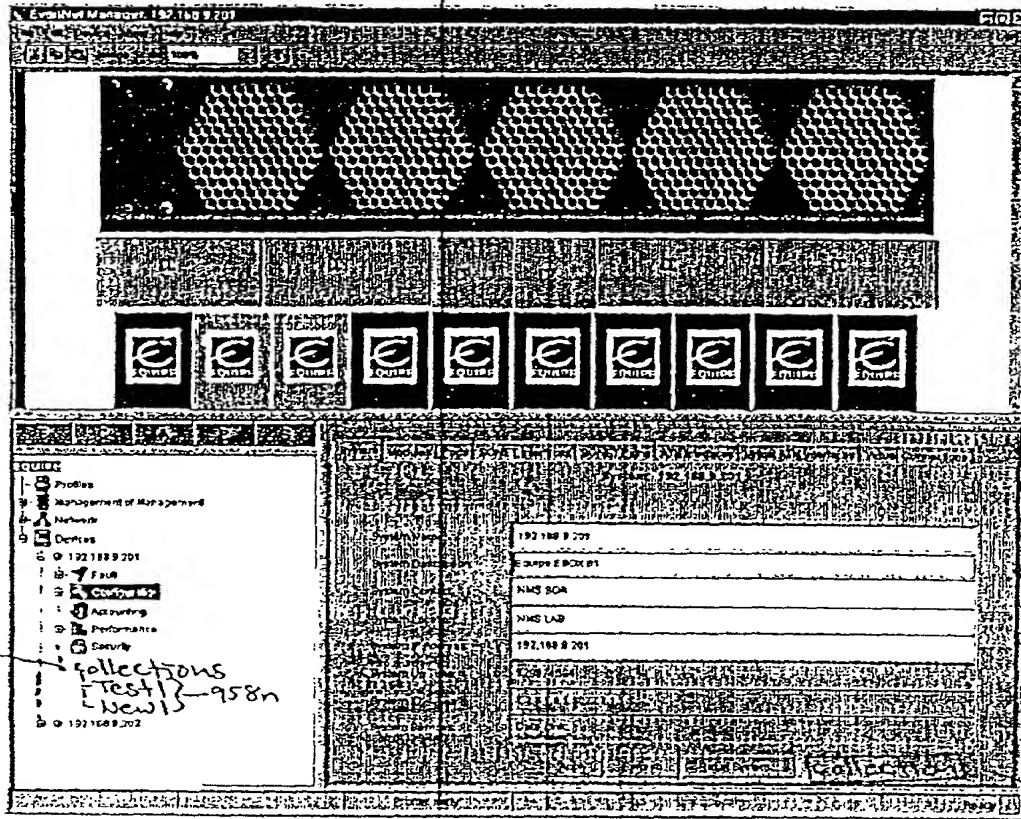


Fig. 10a

895



958m

897

Fig. 10b

0756036-010001

895

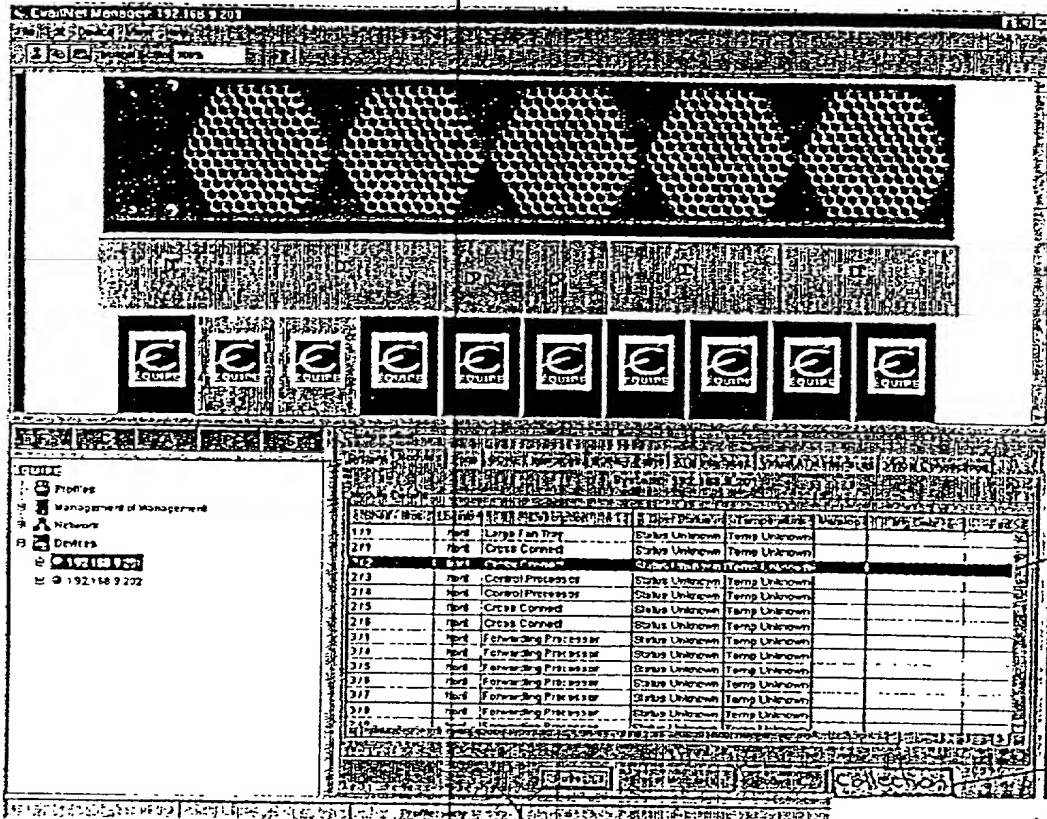


Fig. 10d

897

Add to Collection
New Collection

979c

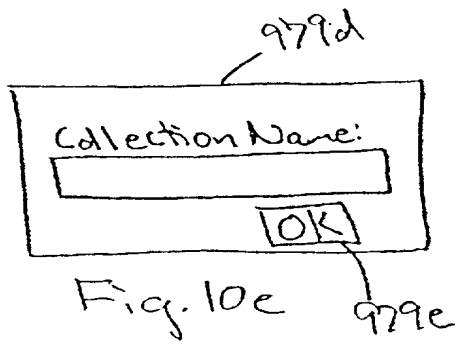


Fig. 10e

979e

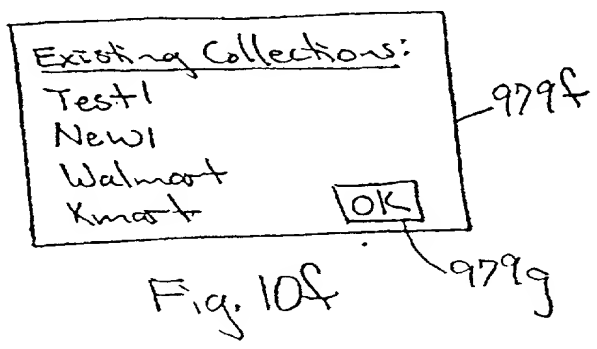


Fig. 10f

979g

895

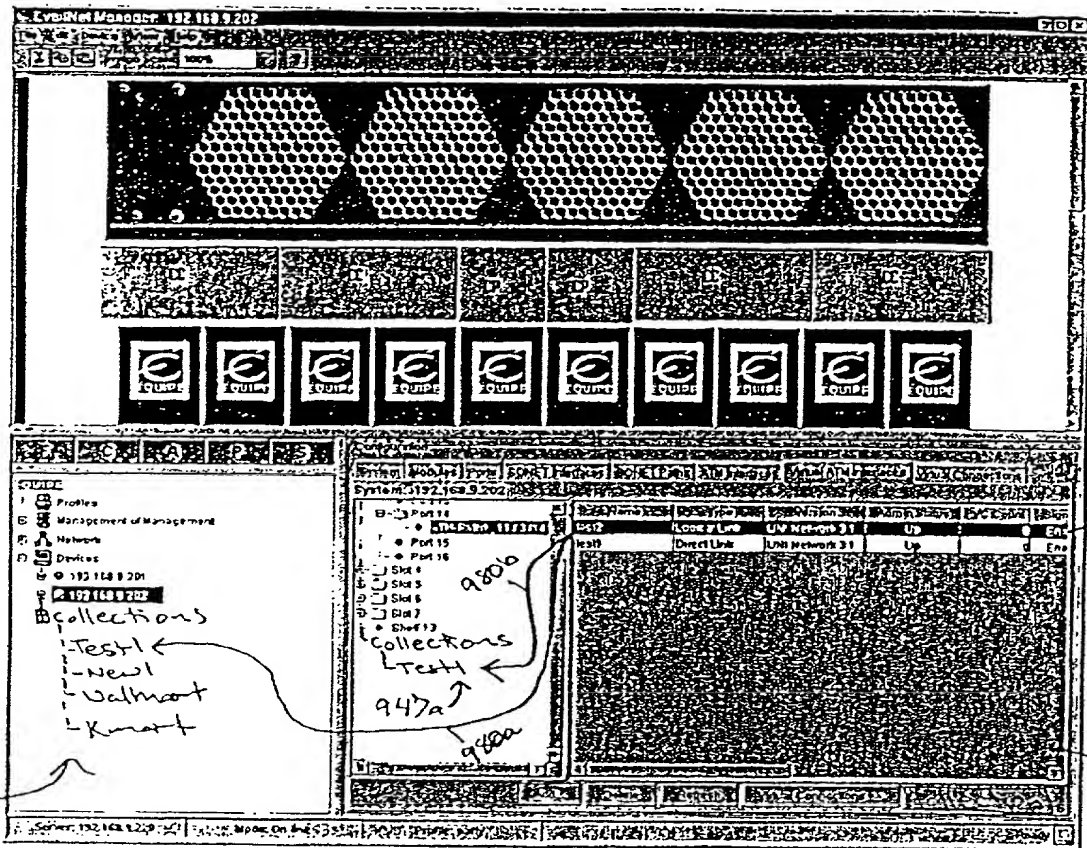


Fig. 10g

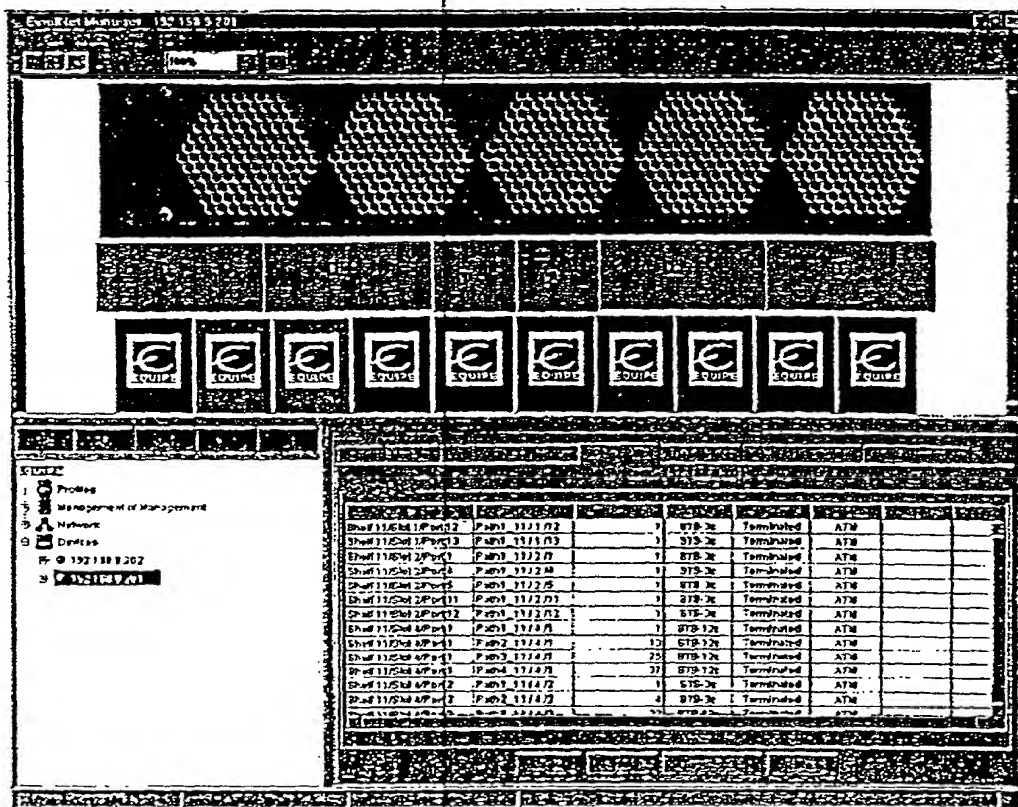


Fig. 10h

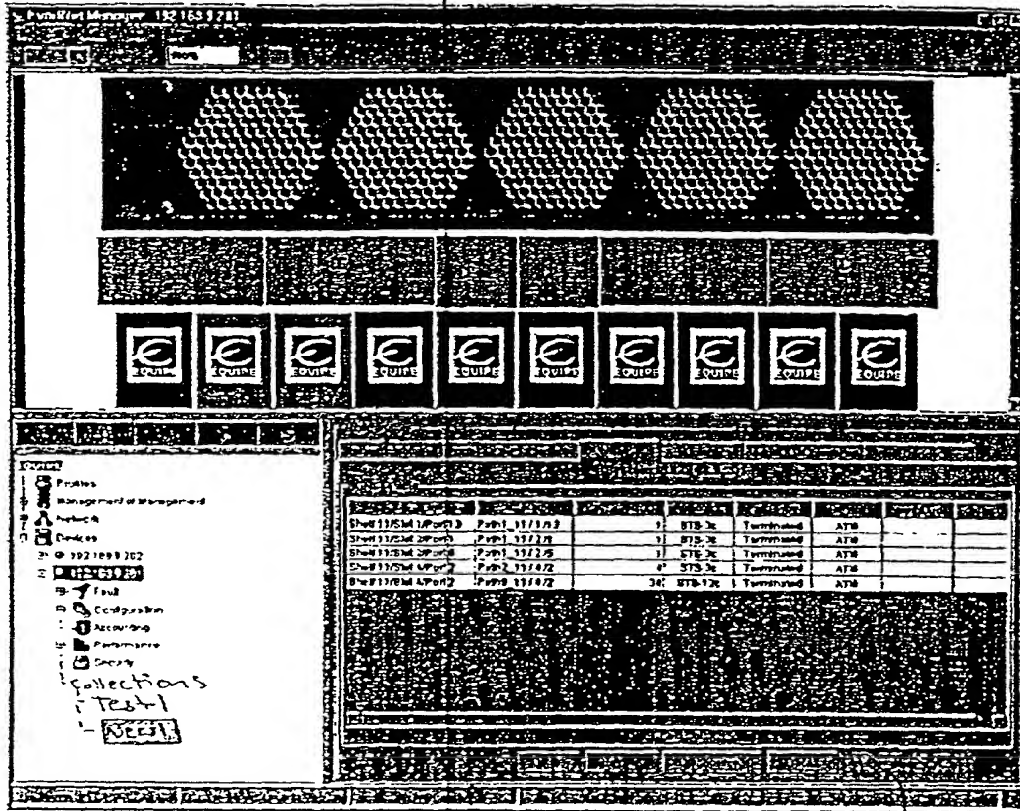


Fig. 10i

982

103

904

Name	Description	Security	Level	Timeout	Printed Services	IP Address
Joe	Joe Whitehouse	Admin	15		192.168.1.32	192.168.1.37
Wamp	Wamp Arch	Provisional	15		TeamServer1:192.168.1.32	TeamServer2:192.168.1.32

905

906

Fig. 11a

10070 9265560

907

General

Username: Kevin

Description: Kevin Snow user account

Group Name: Equipe

Group Level Access:

Password: *****

Confirm Password: *****

Policies

☒ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

User Session Timeout: 15 Minutes

Servers

Primary Server: 192.168.1.220

Primary Server Port: 6500

Secondary Server: 192.168.1.221

Secondary Server Port: 6503

Devices

Device	READ	READWRITE	Retry	Timeout		Add	Delete
192.168.9.202	public	equipe	3	5			
192.168.9.205	public	equipe	3	5			
192.168.9.216	public	equipe	3	5			

OK Cancel

Fig. 11b

Fig. 11c

General Policies Servers **Devices**

Primary Server: 192.168.1.220

Primary Server Port: 8500

Secondary Server: 192.168.1.205

Secondary Server Port: 6503

OK Cancel

9084

General Policies Servers **Devices**

Device	READ	READWRITE	Retry	Timeout	Trap Port
192.168.9.202	public	equipe	3	5	162
192.168.9.205	public	equipe	3	5	162
192.168.9.216	public	equipe	3	5	5012

OK Cancel

9084

Fig. 11d

Fig. 11e

General Policies Servers Devices

Username: Kevin

Description: Kevin Snow user account

Customer Name: Equipe

Group Level Access: [Dropdown]

Password: [Masked]

Confirm Password: [Masked]

OK Cancel

9084

General Policies Servers Devices

☒ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

User Session Timeout: 15 Minutes

OK Cancel

9084

Fig. 11f

00756936 00001
100010 9084

← 907

General

Username: Kevin

Description: Kevin Snow user account

Group Name: Equipe

Group Level Access:

Password: *****

Confirm Password: *****

108h

108i

108j

☒ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

User Session Timeout: 15

Minutes

Servers

Primary Server: 192.168.1.220

Primary Server Port: 6500

Secondary Server: 192.168.1.221

Secondary Server Port: 6503

Devices

Device	READ	READWRITE	Relay	Timeout		
192.168.9.202	public	equipe	3	5		
Group List						
Walmart-East					▲	
Walmart-West						
Kmart 1						
sears-northeast					▼	

Add

Delete

Fig. 11h

Fig. 11i

1002

1002a

EvailNet Manager: SONET Path Configuration - 11/8/95

SONET Path Configuration

Path Name: Path1_11/8/95

Path Type: STS-3c

Path Length: 1

Path Status: Terminated

Path Type: ATM

Path Name: Path1_11/8/95

Path Type: STS-3c

Path Length: 1

Path Status: Terminated

Path Type: ATM

1002d

1002b

1002c

1002

1002a

1002a

EvailNet Manager: SONET Path Configuration - 11/8/95

SONET Path Configuration

Path Name: Path1_11/8/95

Path Type: STS-3c

Path Length: 4

Path Status: Terminated

Path Type: ATM

Path Name: Path1_11/8/95

Path Type: STS-3c

Path Length: 4

Path Status: Terminated

Path Type: ATM

Path Name: Path2_11/8/95

Path Type: STS-3c

Path Length: 4

Path Status: Terminated

Path Type: ATM

Path Name: Path3_11/8/95

Path Type: STS-3c

Path Length: 7

Path Status: Terminated

Path Type: ATM

Path Name: Path4_11/8/95

Path Type: STS-3c

Path Length: 10

Path Status: Terminated

Path Type: ATM

Path Name: Path1_11/8/95

Path Type: STS-3c

Path Length: 4

Path Status: Terminated

Path Type: ATM

Path Name: Path2_11/8/95

Path Type: STS-3c

Path Length: 4

Path Status: Terminated

Path Type: ATM

Path Name: Path3_11/8/95

Path Type: STS-3c

Path Length: 7

Path Status: Terminated

Path Type: ATM

Path Name: Path4_11/8/95

Path Type: STS-3c

Path Length: 10

Path Status: Terminated

Path Type: ATM

1002d

1002b

1002c

Fig. 11j

Fig. 11K

1002

Path Name	Path ID	Path Type	Term1	Term2	Term3	Term4	Term5	Term6	Term7	Term8	Term9	Term10
Path1 11/8/5	1	STS-3c	Term1	ATM								
Path2 11/8/5	4	STS-3c	Term1	ATM								
Path3 11/8/5	7	STS-3c	Term1	ATM								

1002a

1002d

1002b

1002c

1004

1004b

1004c Fig. 11n

1004a

106660 926552

Fig. 11L

Managed Resource Group Table

1008

1008a

1008b

1008c

1008d

LID	Managed Device PID	Group Name
1145	1	Walmart-East
⋮	⋮	⋮

Fig. 11M

Managed Resource Table

1007

1007a

1007b

1007c

LID	Resource LID	Manage Resource Group LID
4443	901	1145
⋮	⋮	⋮

1006

EvailNet Manager: 192.168.9.201 - Virtual Connection Wizard

Source: 192.168.9.201 Destination: 192.168.9.201

End Point 1

- 192.168.9.201
 - Shelf 11
 - Slot 1
 - Slot 2
 - Slot 3
 - Slot 4
 - Port 1
 - Port 2
 - ATM-Path2-11/4/2**

End Point 2

- 192.168.9.201
 - Shelf 11
 - Shelf 13

Connection Parameters

Connection Name:

Admin Status: Up ☐

Group Name: Group 151

End Point 1 Parameters

☐ Use any VPI value
 ☐ Use any VCI value
 ☒ Add frame description
 ☒ Add frame description
☒ Use the same frame description for both transmit and receive

End Point 2 Parameters

☐ Use any VPI value
 ☐ Use any VCI value
 ☒ Add frame description
 ☒ Add frame description
☒ Use the same frame description for both transmit and receive

Back Finish Cancel

1006a

1006b

1006c

1006c

Fig. 110

Fig. 11p

User Table

1010

1010a	1010b		1010c		1010d
	LID	Username	Password	Group Level Access	
	2012	Dave	Marble	Provisioner	1010e
	⋮	⋮	⋮		

Fig. 11q

User Managed Device Table

1012

1012a	1012b		1012c		1012d		1012e
	LID	User LID	Host LID	Retry	Timeout		
	7892	2012	9046				
	⋮	⋮	⋮	⋮	⋮		

Fig. 11r

Administration Managed Device Table

1014

1014a	1014b		1014c		1014d		1014e	1014f
	LID	Host Address	Port Address	Retry	Timeout	Admin. Password	Prov. Password	
	9046	192.168.9.202	1521			team 1	team 2	team 3
1014c	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

Fig. 11s

1013

Add Delete Device Dlg

1013a — Device Host: 192.168.1.202

1013b — Device Port: 1521

1013c — SNMP Retry:

1013d — SNMP Timeout:

1013e — Admin. Password:

1013f — Prov. Password:

1013g — Viewer Password:

1013h — Add

1013i — OK

Cancel

Delete

Fig. 11t

User Resource Group Map Table

1016a	1016b		1016c	1016
	LID	User LID		
	8086	2012		
	⋮	⋮		

Fig. 11u

User Resource Group Table

1018d	1018a	1018b	1018c	1018
	LID	Host LID	Group Name	
	1024	9046	Walmart-East	
	⋮	⋮	⋮	

Fig. 11v

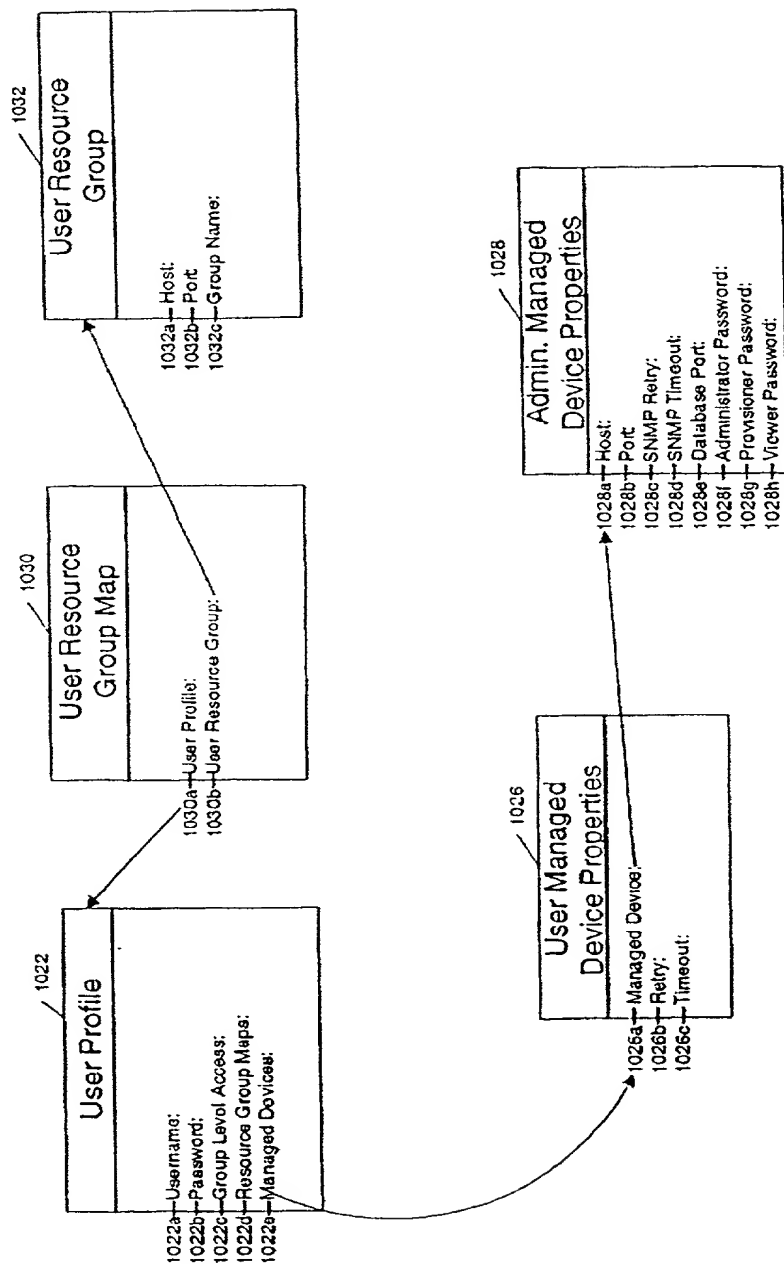


Fig. 11w

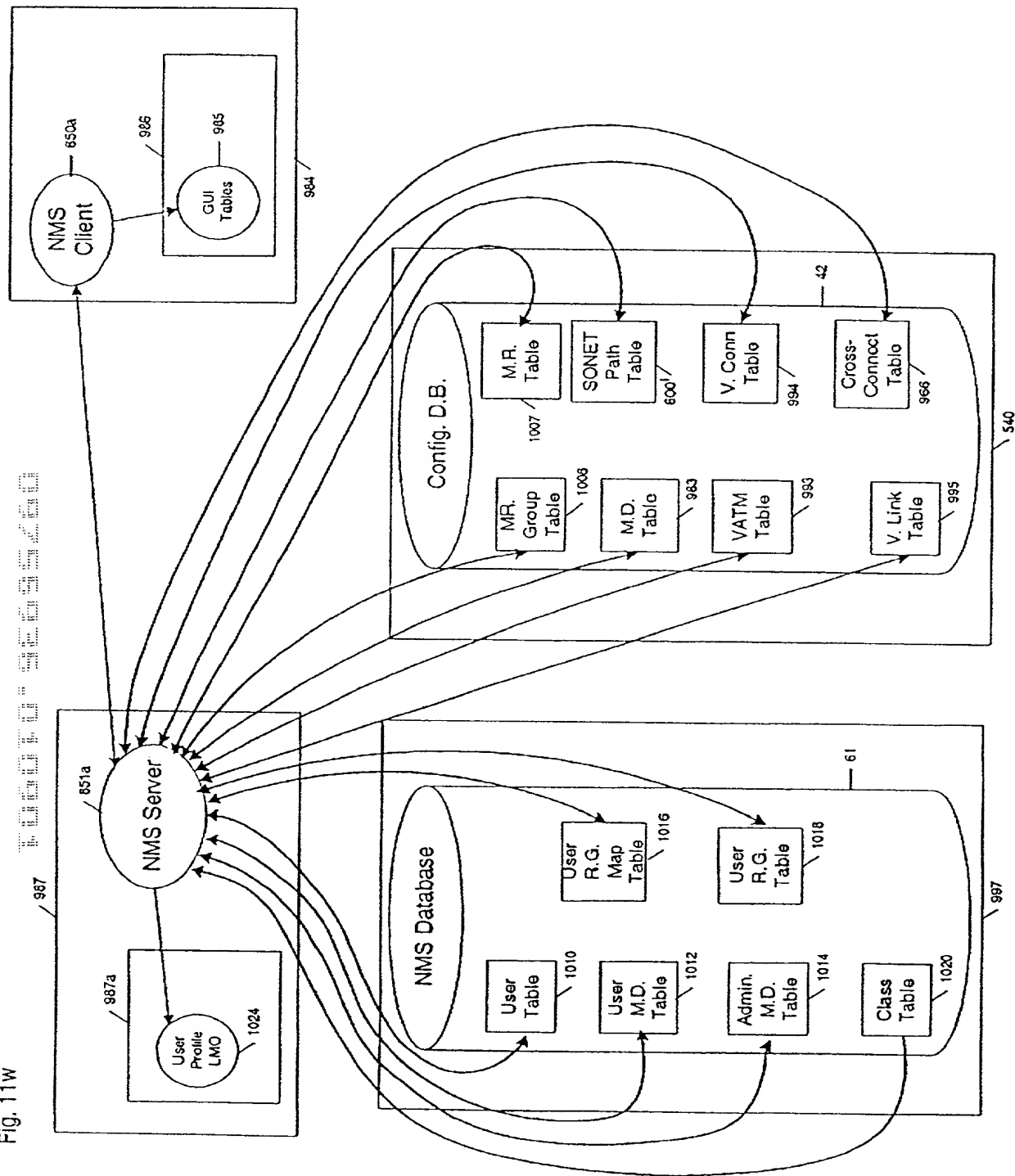


Fig. 11x

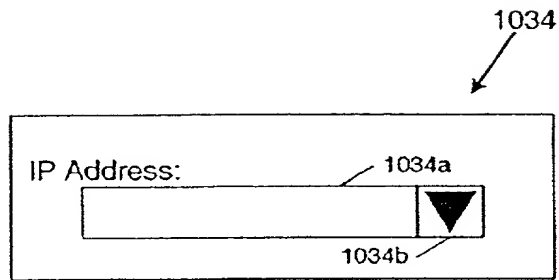
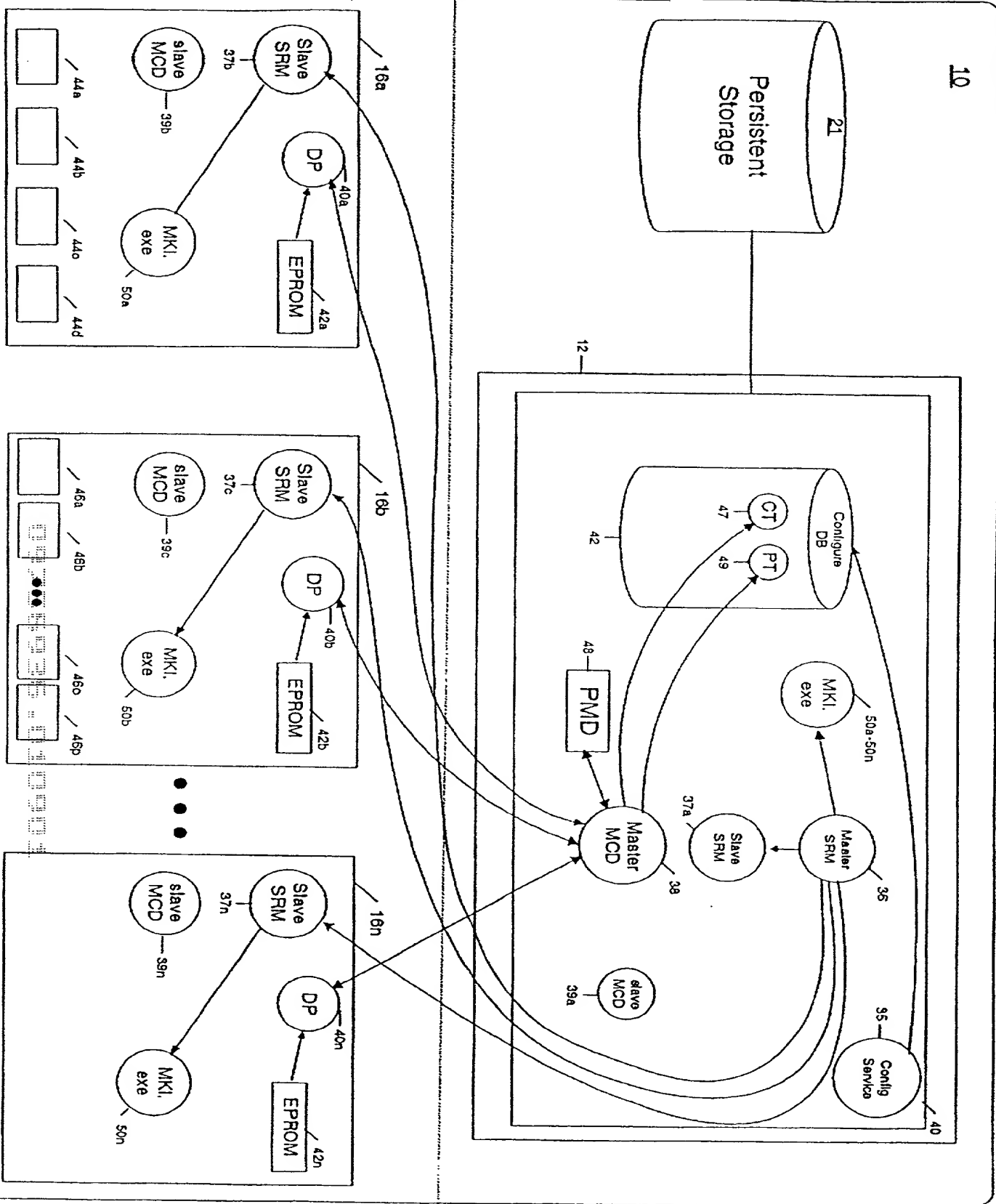


FIG. 12a



CARD TABLE

PID	CWD TYPE	VERSION NO.	SLOT NO.	...
16 a — 500	0XF002	3	1	
16 b — 501	0XF002	4	2	
16 e — 505	0X6002	1	5	
16 n — 513	0XF002	1	12	

FIG. 12b

[illegible]

PORT TABLE

PID	PORT TYPE	VERSION NO.	SLOT NO.	...
44a —	1500	00620	1	1
44b —	1501	00620	1	1
44c —	1502	00620	1	1
44d —	1503	00620	1	1
44a —	1504	00820		
46a —
	1600	00620	1	8

FIG. 12c

00755935 010971

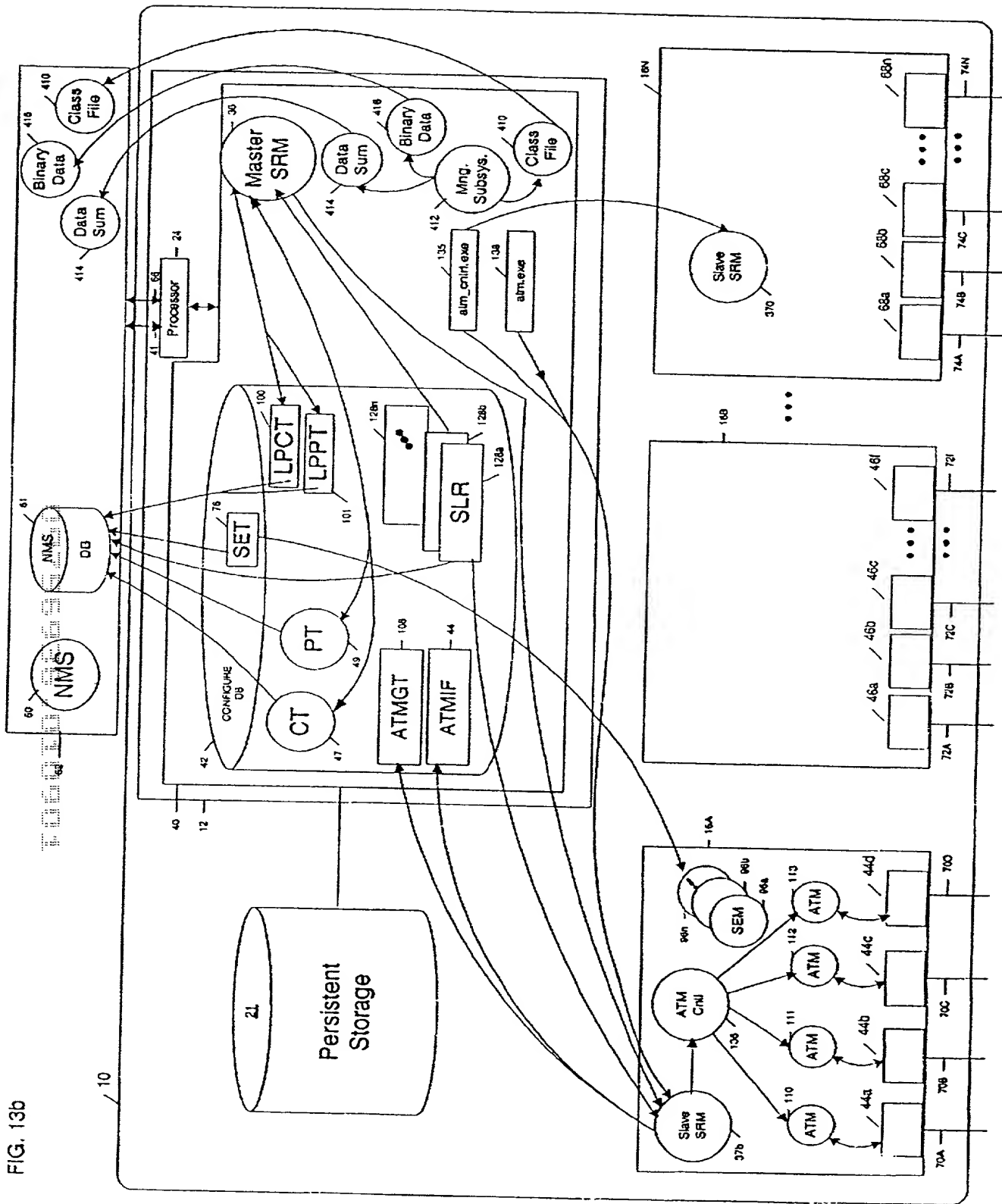
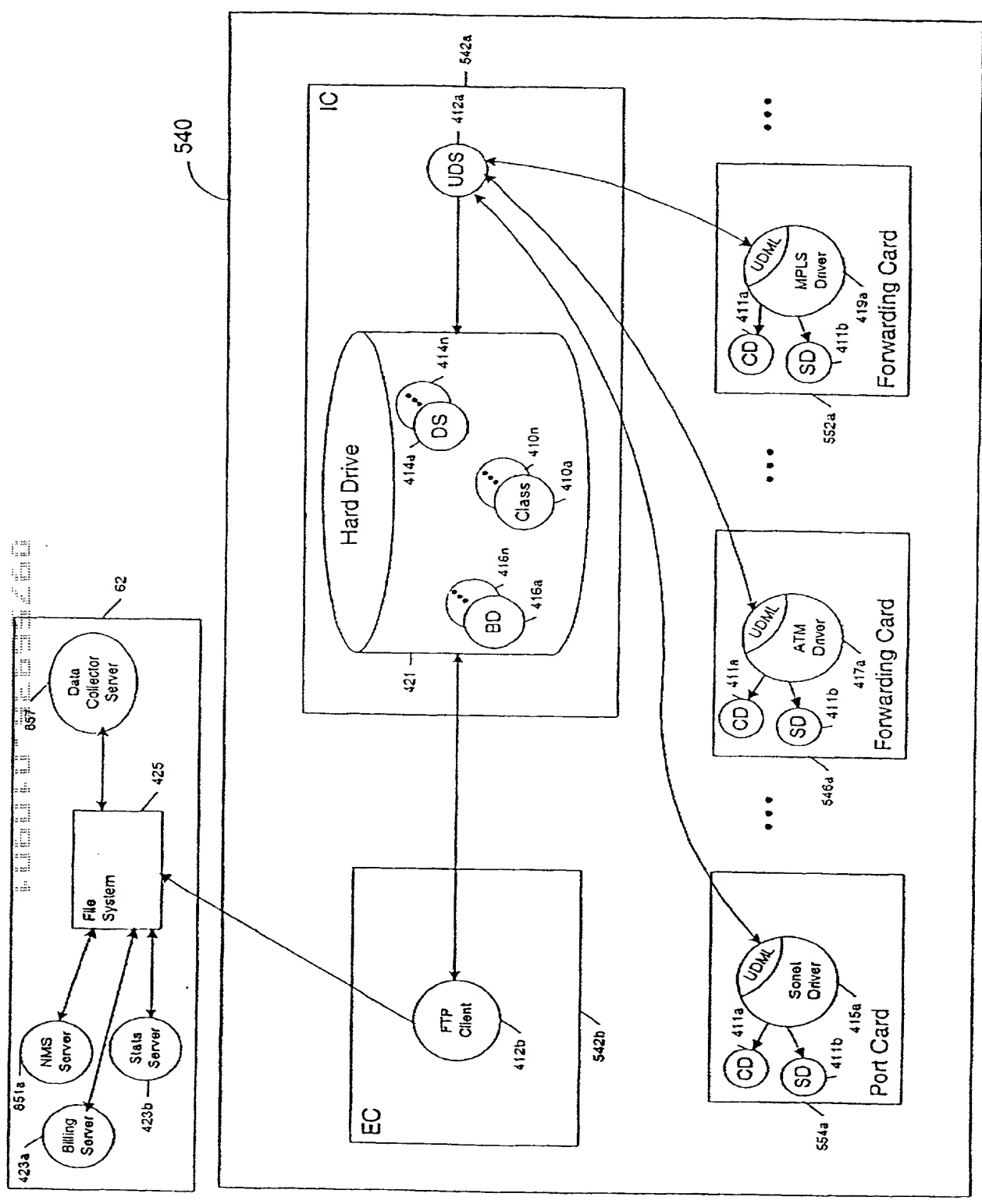
[illegible]

Fig. 13c



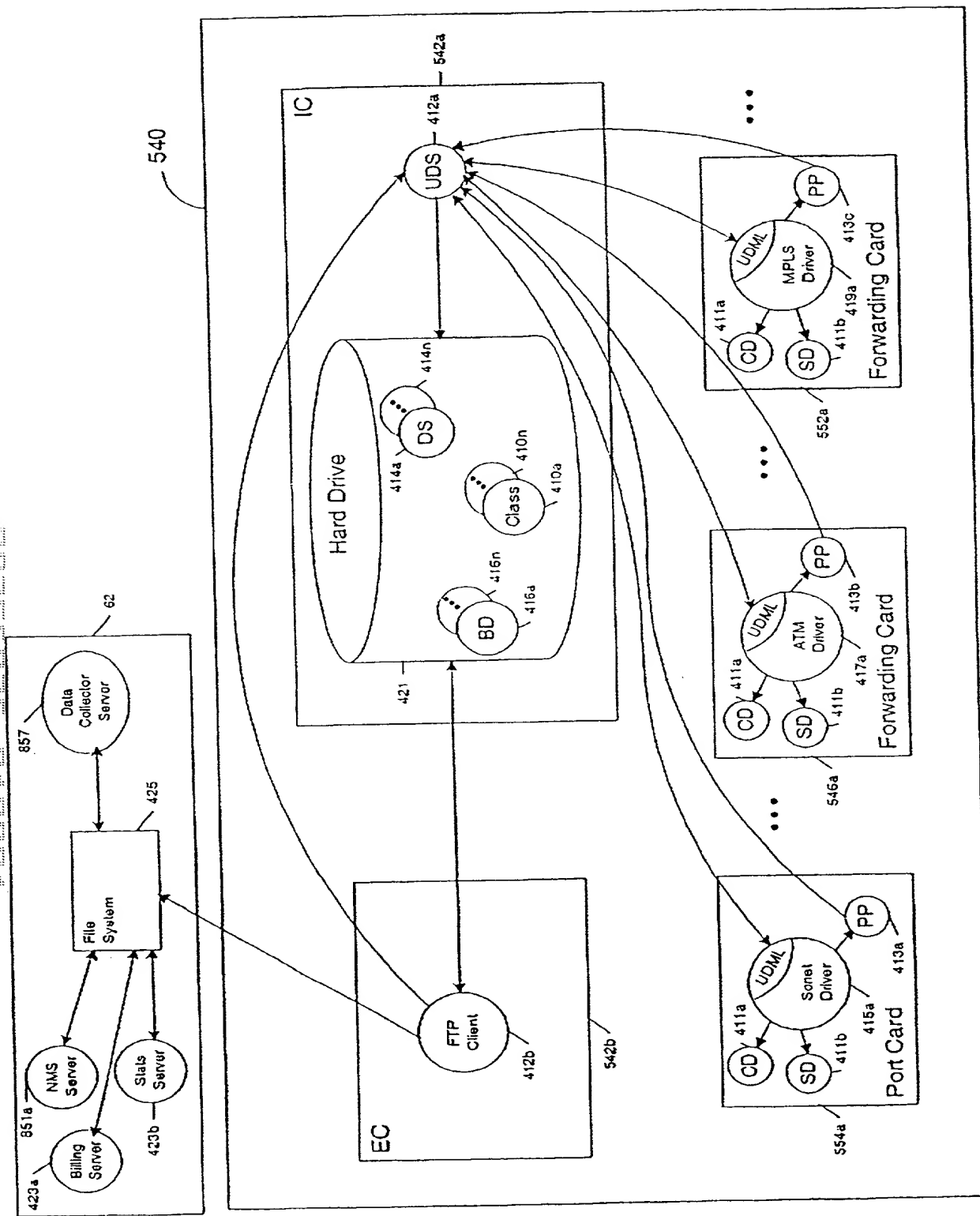
[illegible]

FIG. 14a

Service Endpoint Table 76

	Service Endpoint #	Port PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	⋮	⋮

FIG. 14b

Logical to Physical Card Table 100

	LID	Primary PID	Back-up PID
106	30	500	513
109	31	501	513
	⋮	⋮	⋮

FIG. 14c

Logical to Physical Port Table 101

	LID	Primary PID	Back-up PID
107	40	1500	1600
	⋮	⋮	⋮

FIG. 14d

ATM Group Table 108

Group #	Card LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 14e

ATM Interface Table 114

ATM IF	ATM Group	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
⋮	⋮	⋮	⋮
12	3	10	
⋮	⋮	⋮	⋮

FIG. 14f

Software Load Record 128a

130	Control Shim	LID	132
134	atm-cntrl.exe	30	

FIG. 15

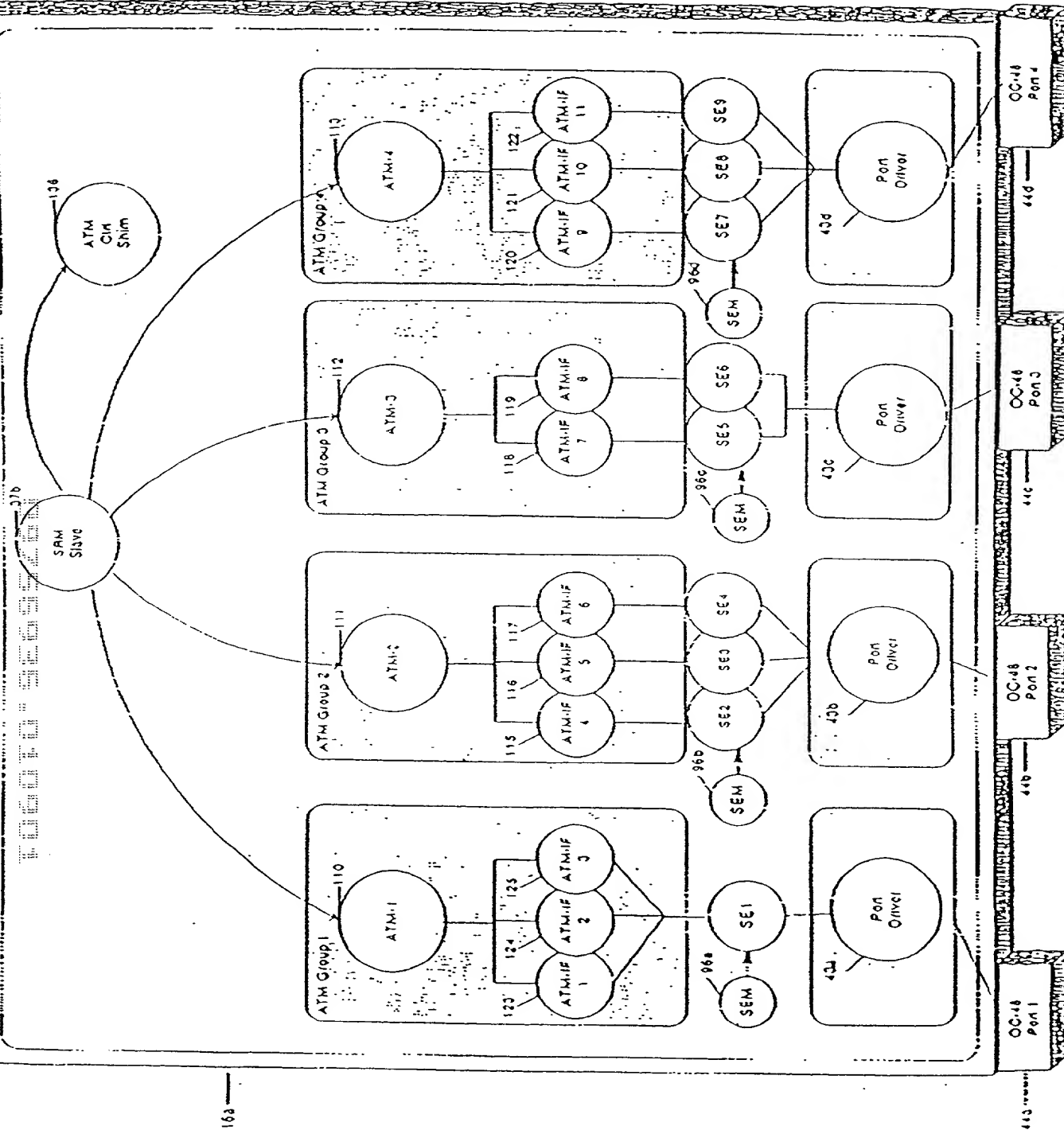


FIG. 16a

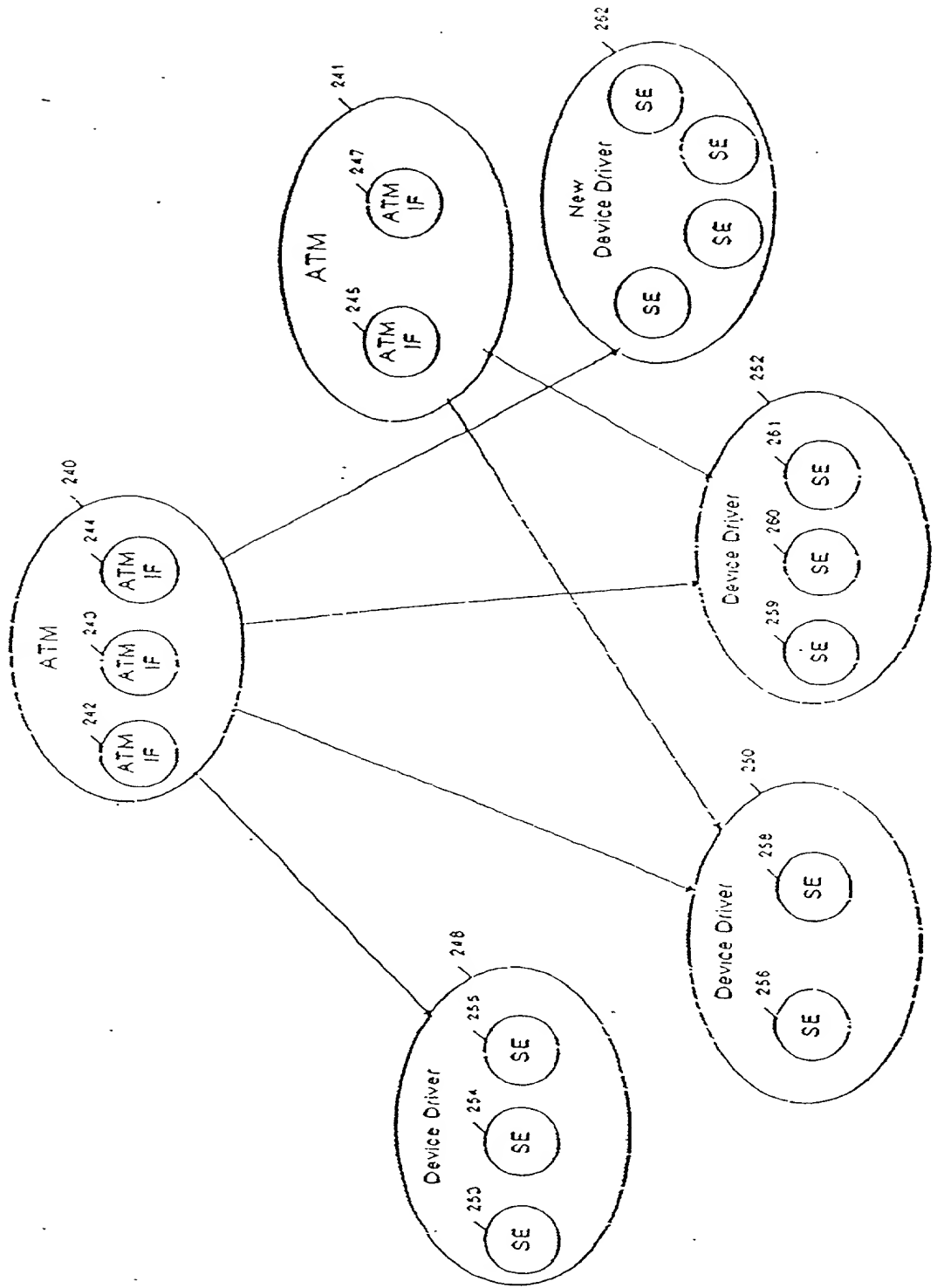


FIG. 16b

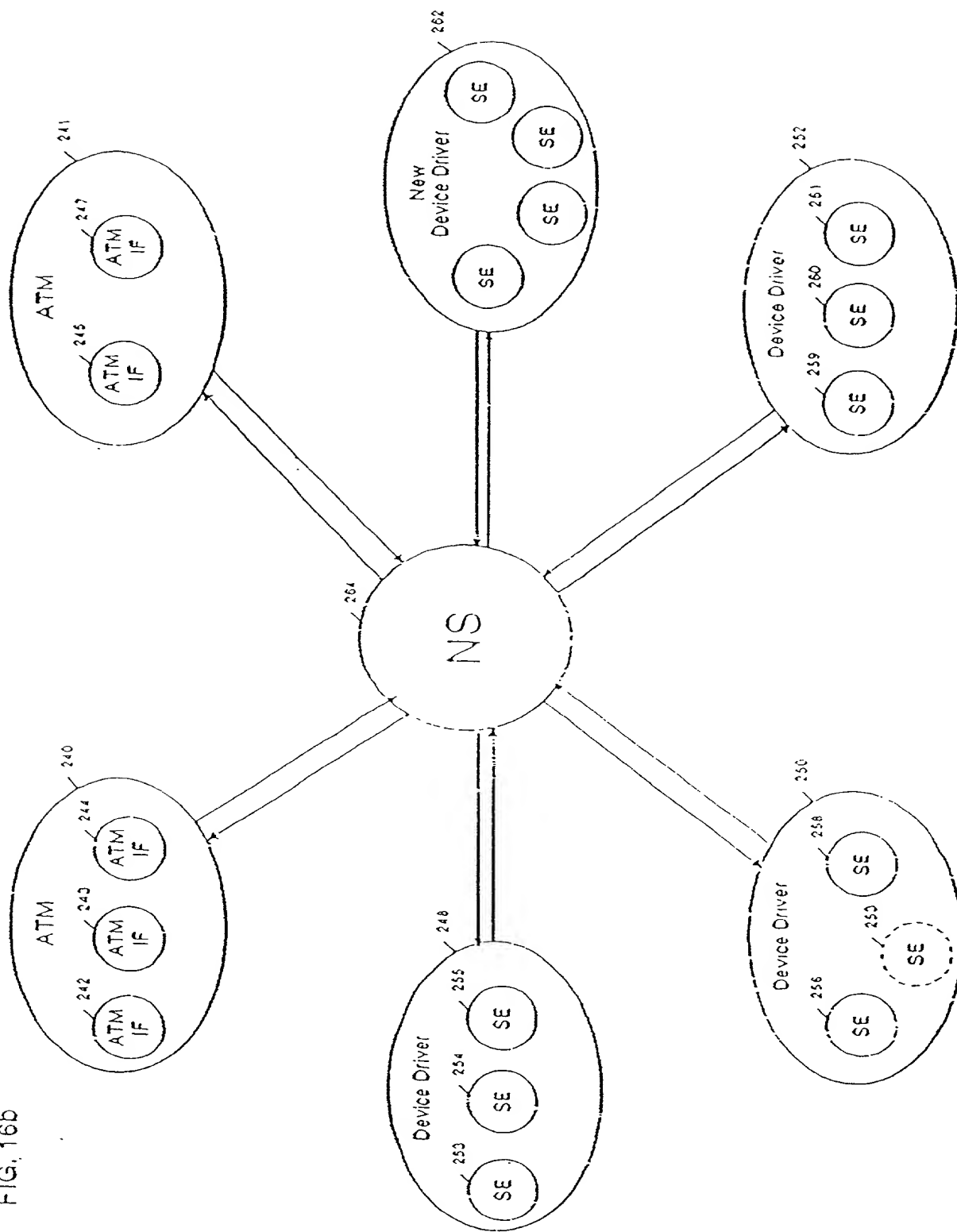
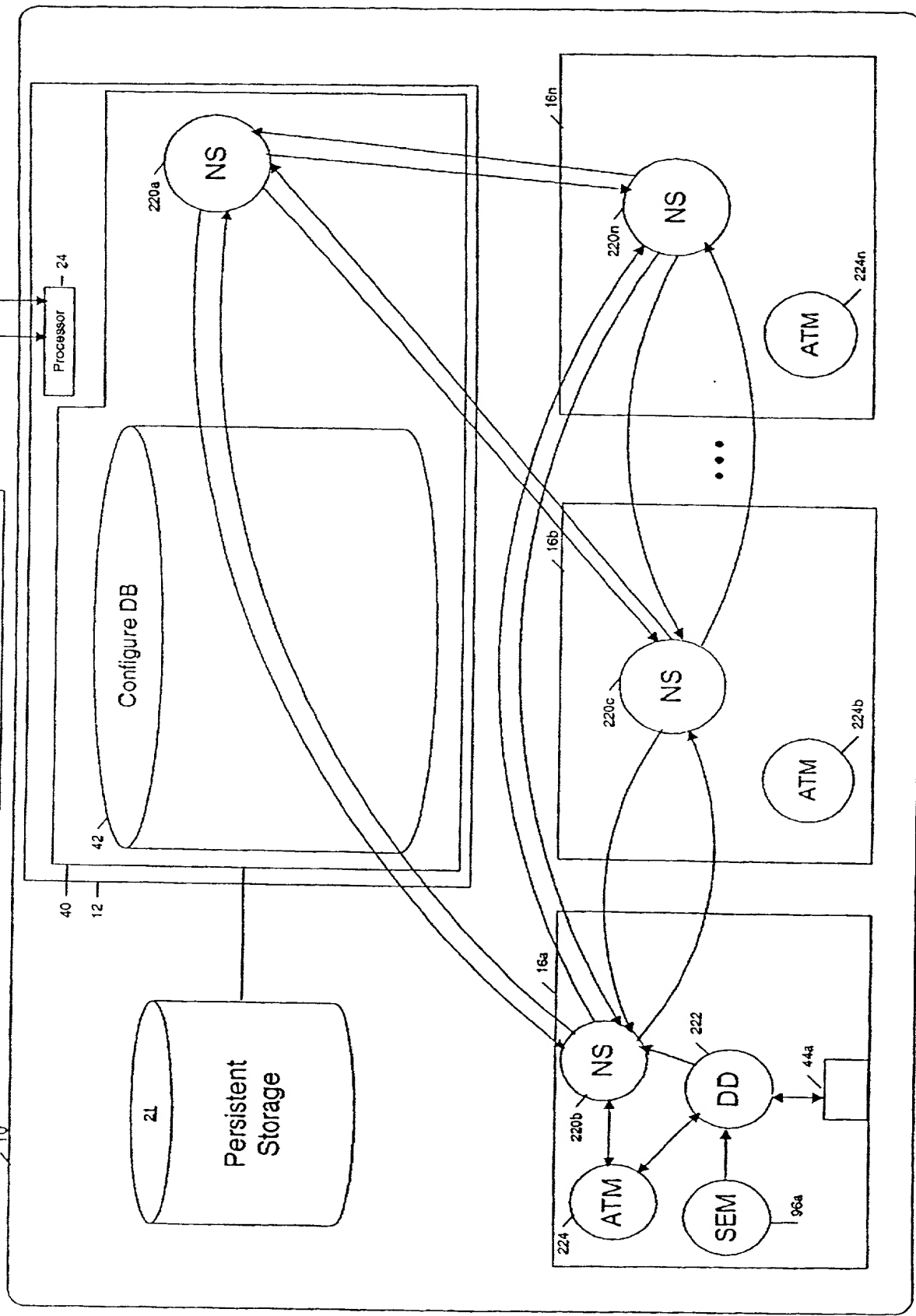
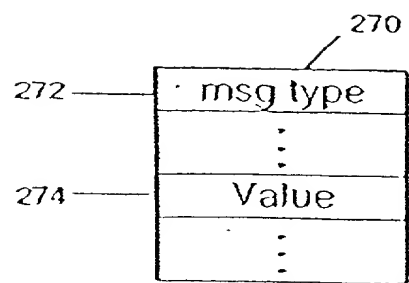
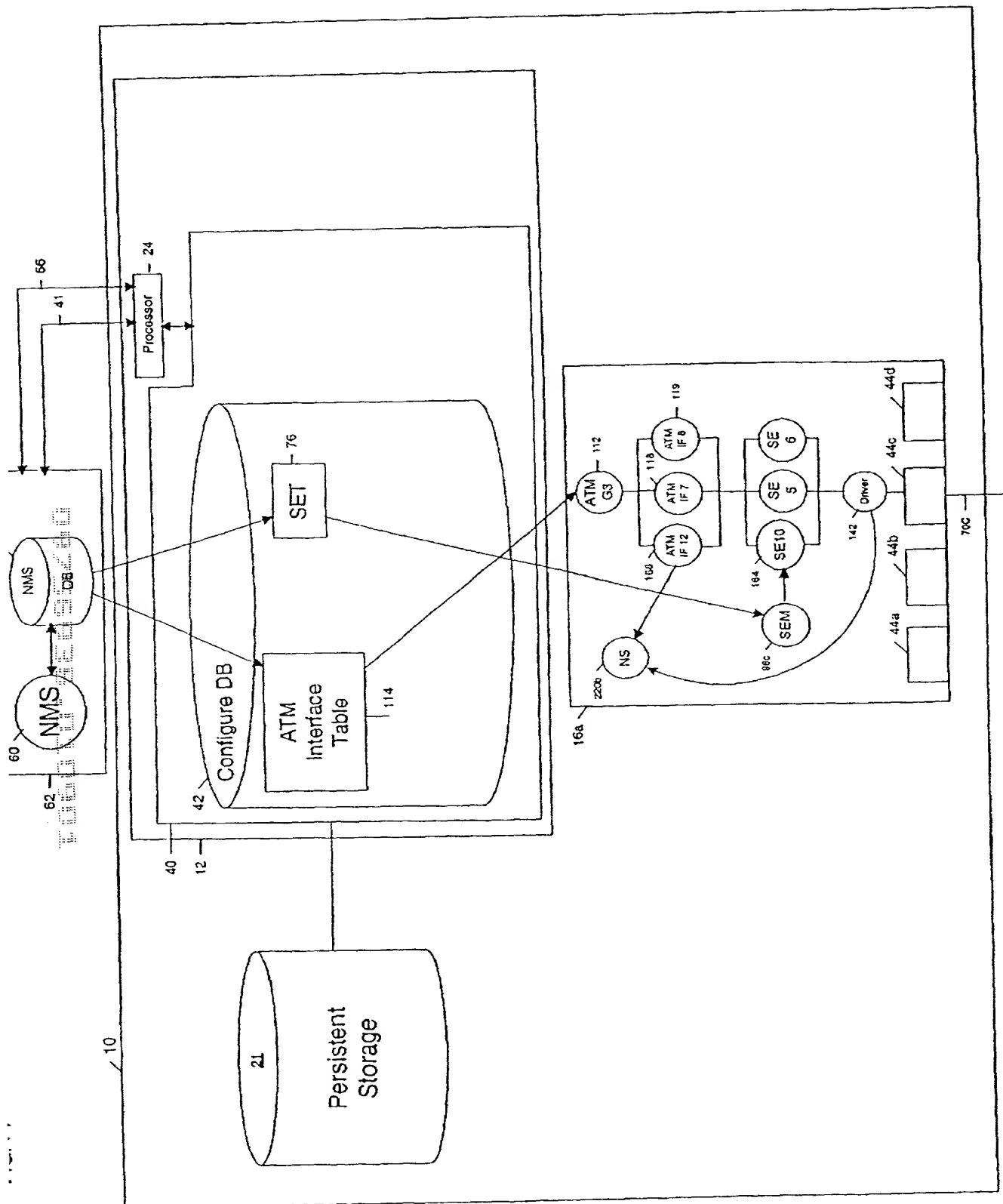


fig. 11c.



[illegible]



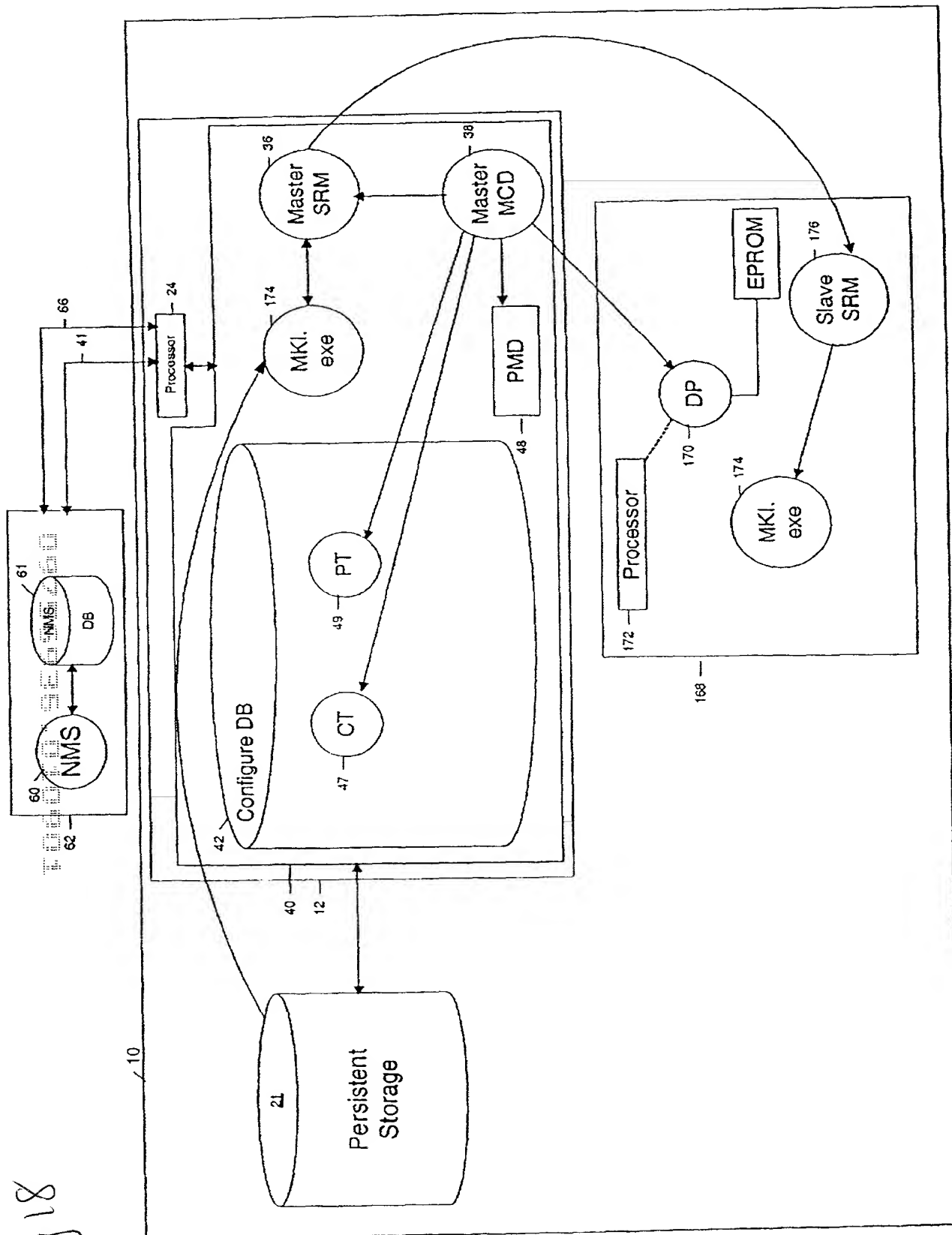
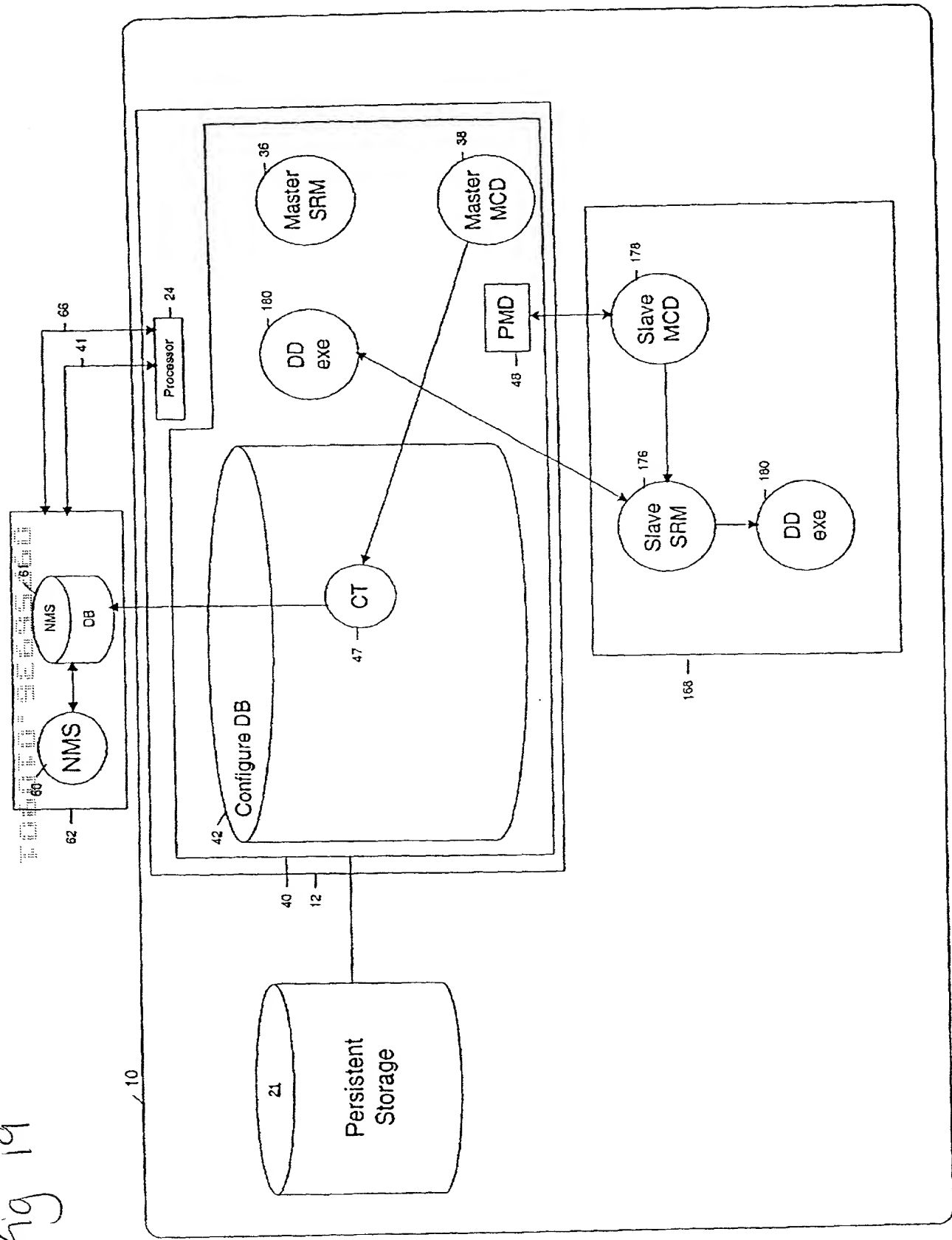


Fig 18

Fig 19



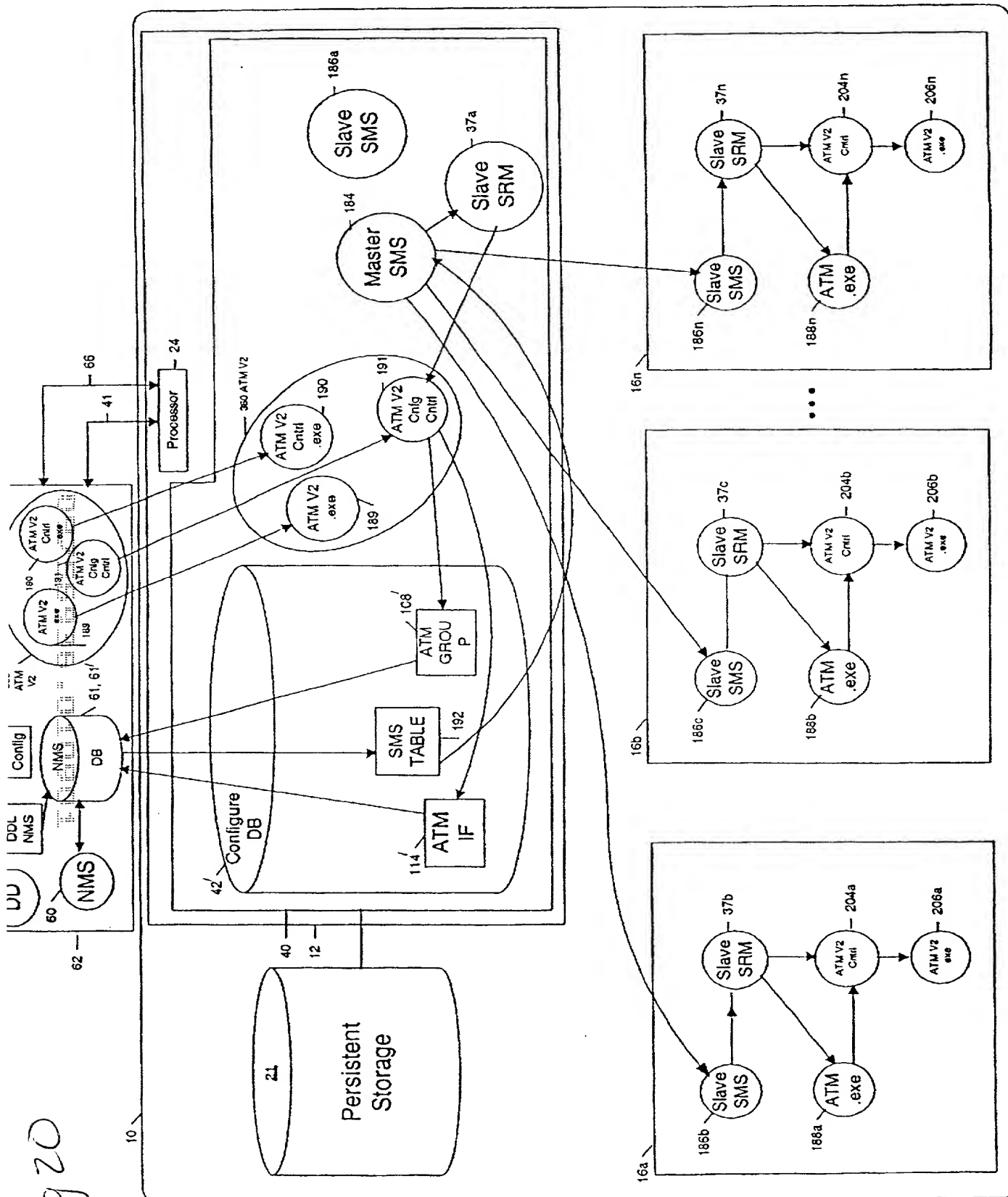


FIG. 21

FIG. 21 is a diagram of a version numbering system.

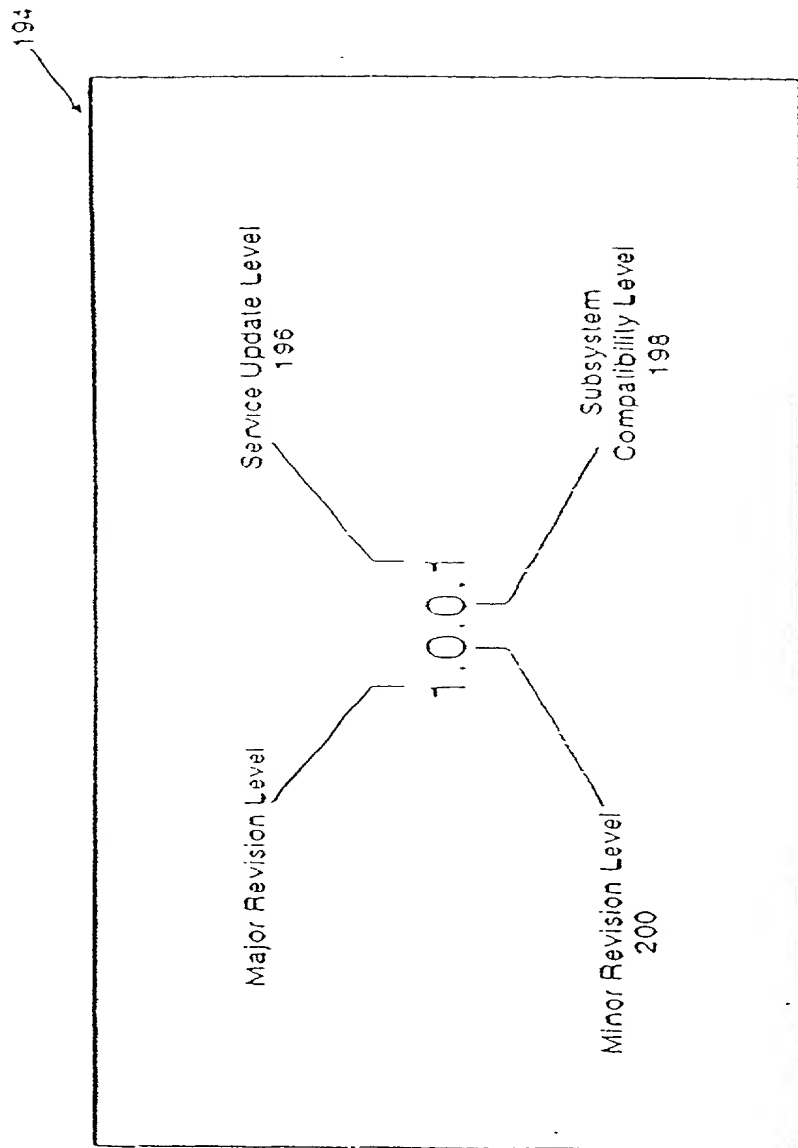


FIG. 22

FIG. 22

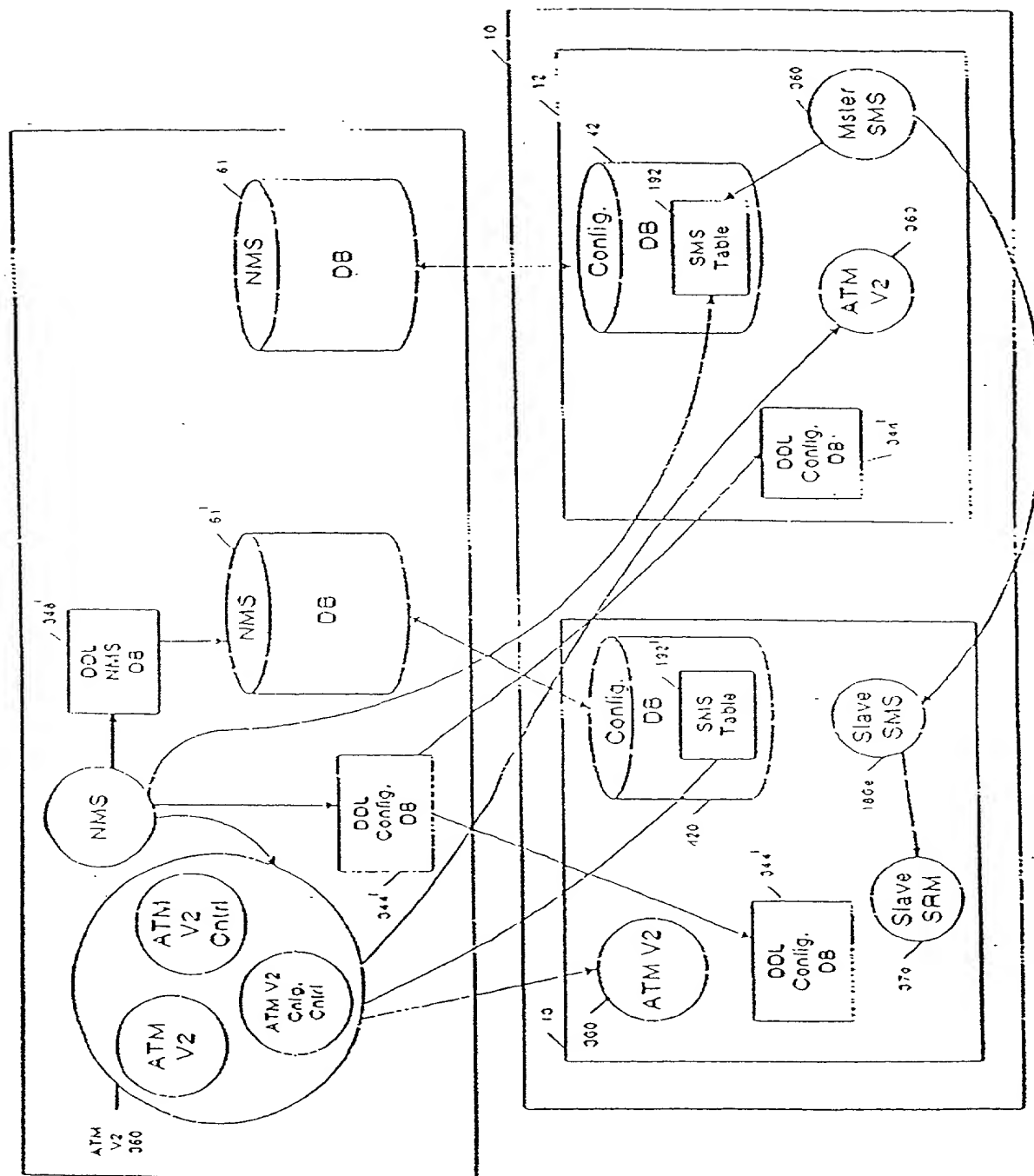


fig.23

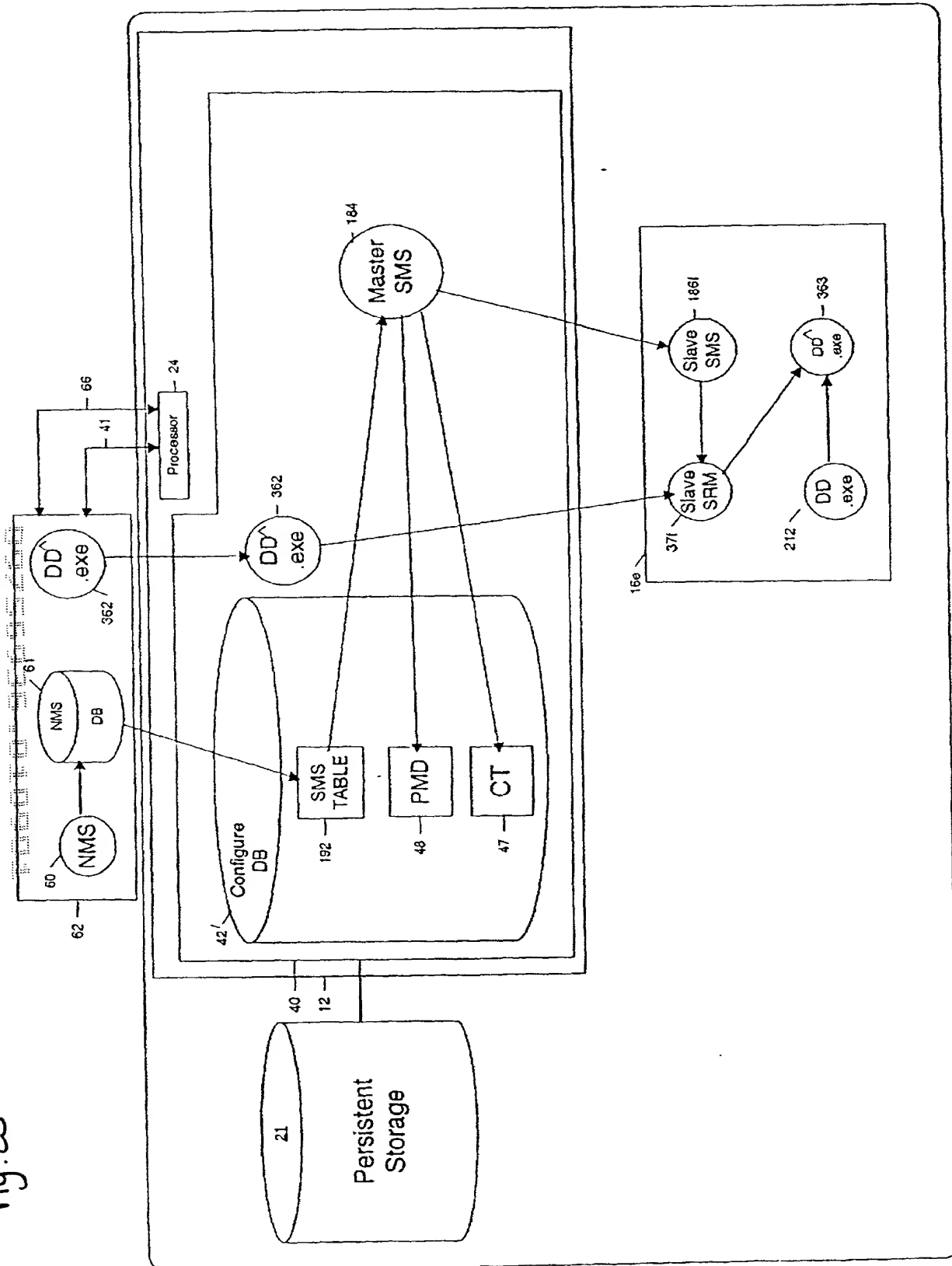


FIG. 24

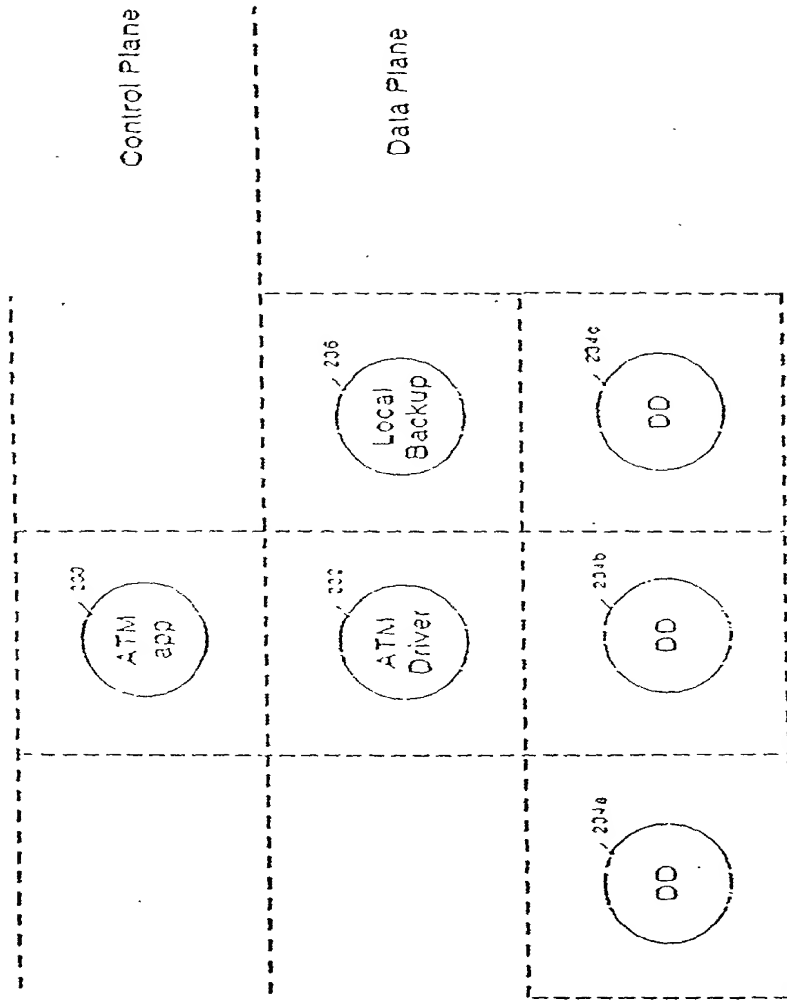
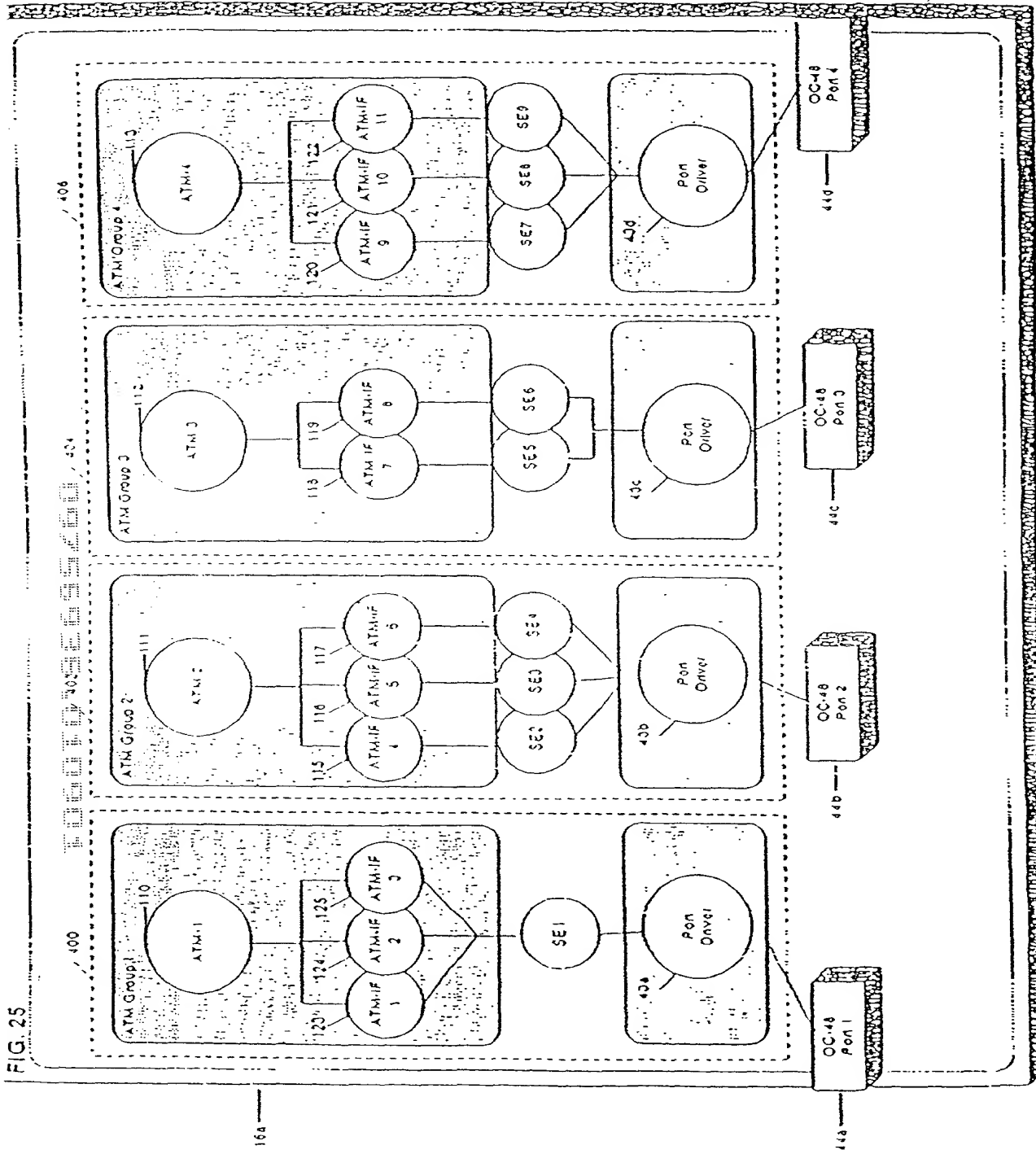


FIG. 25



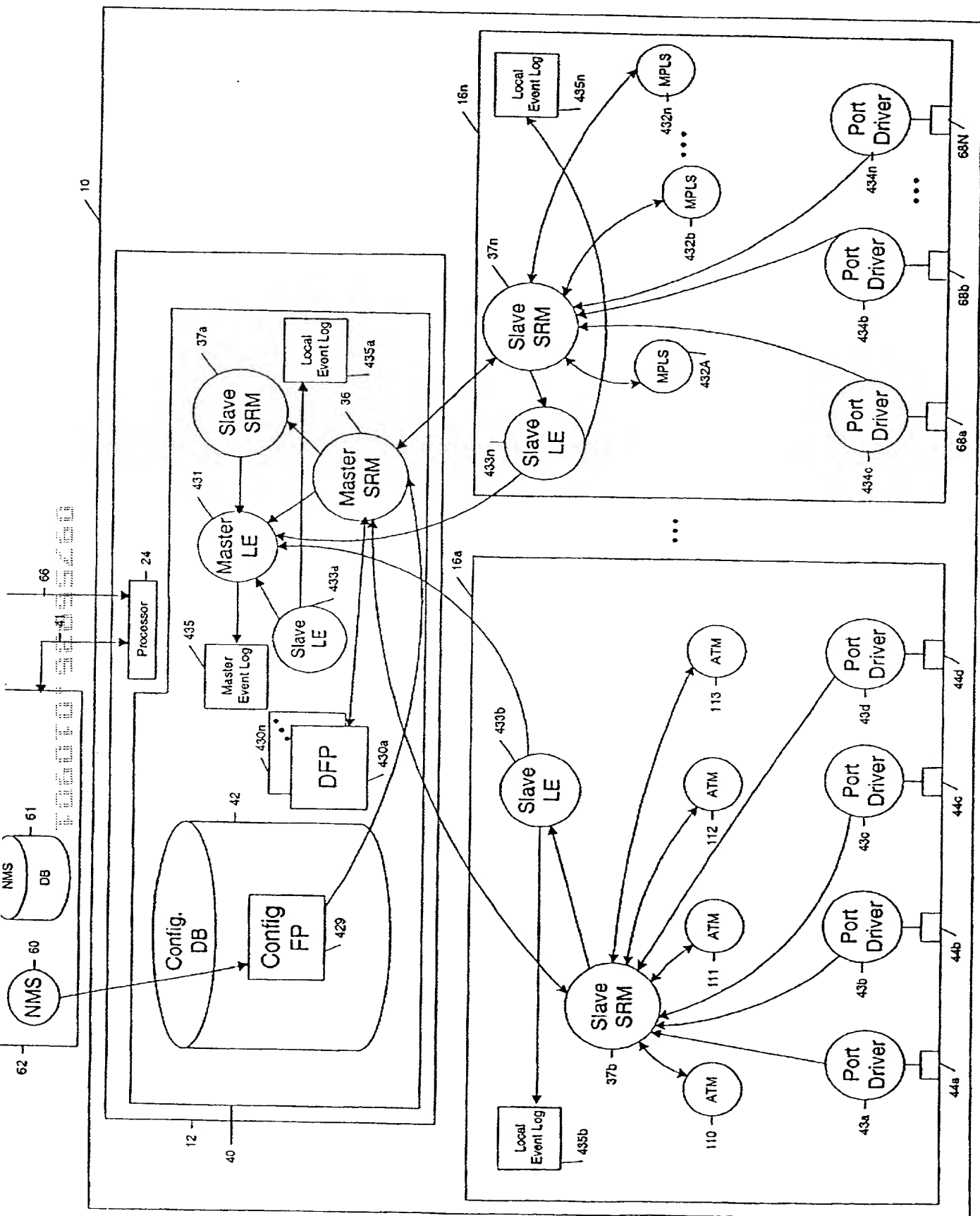
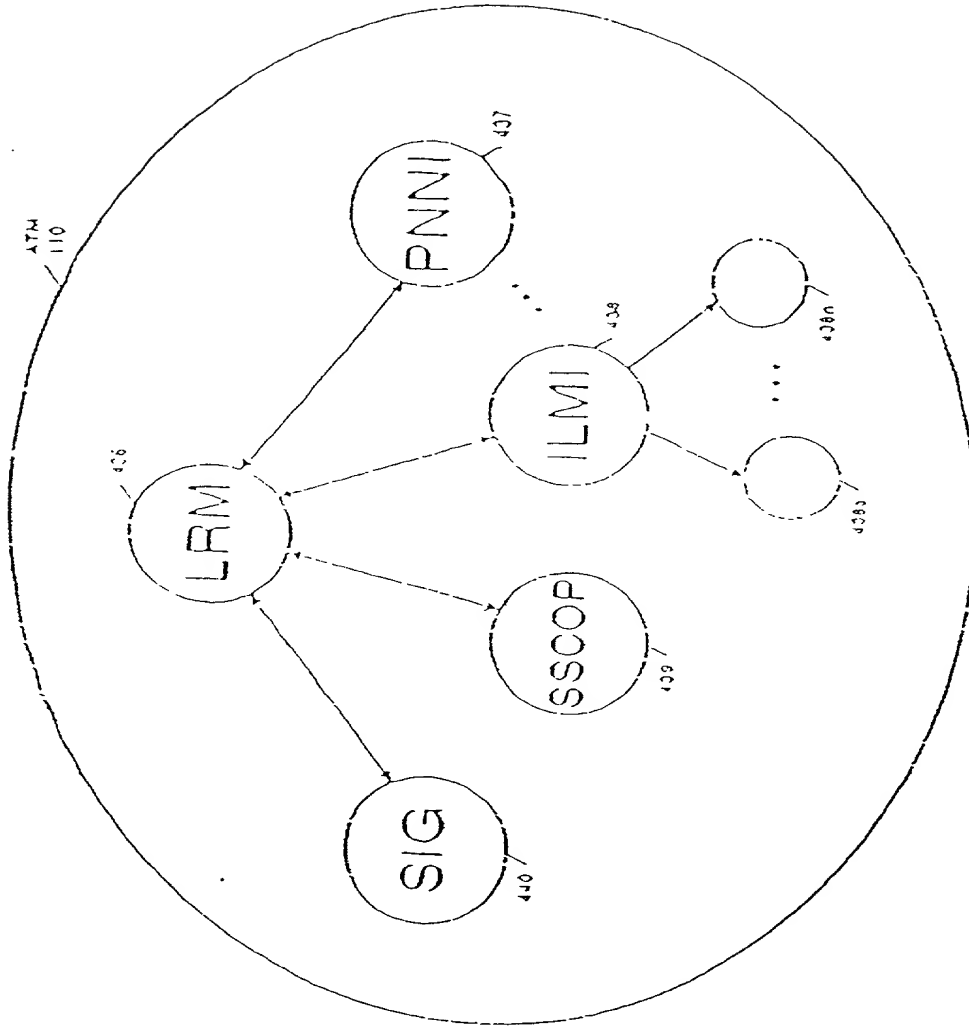


FIG. 27

FIG. 27: Section



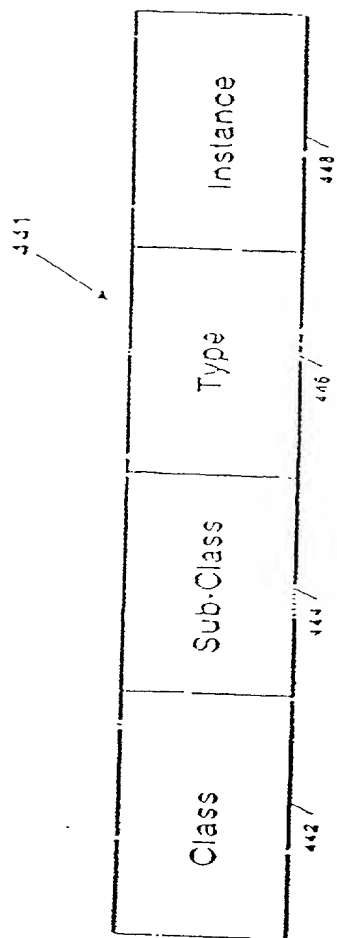
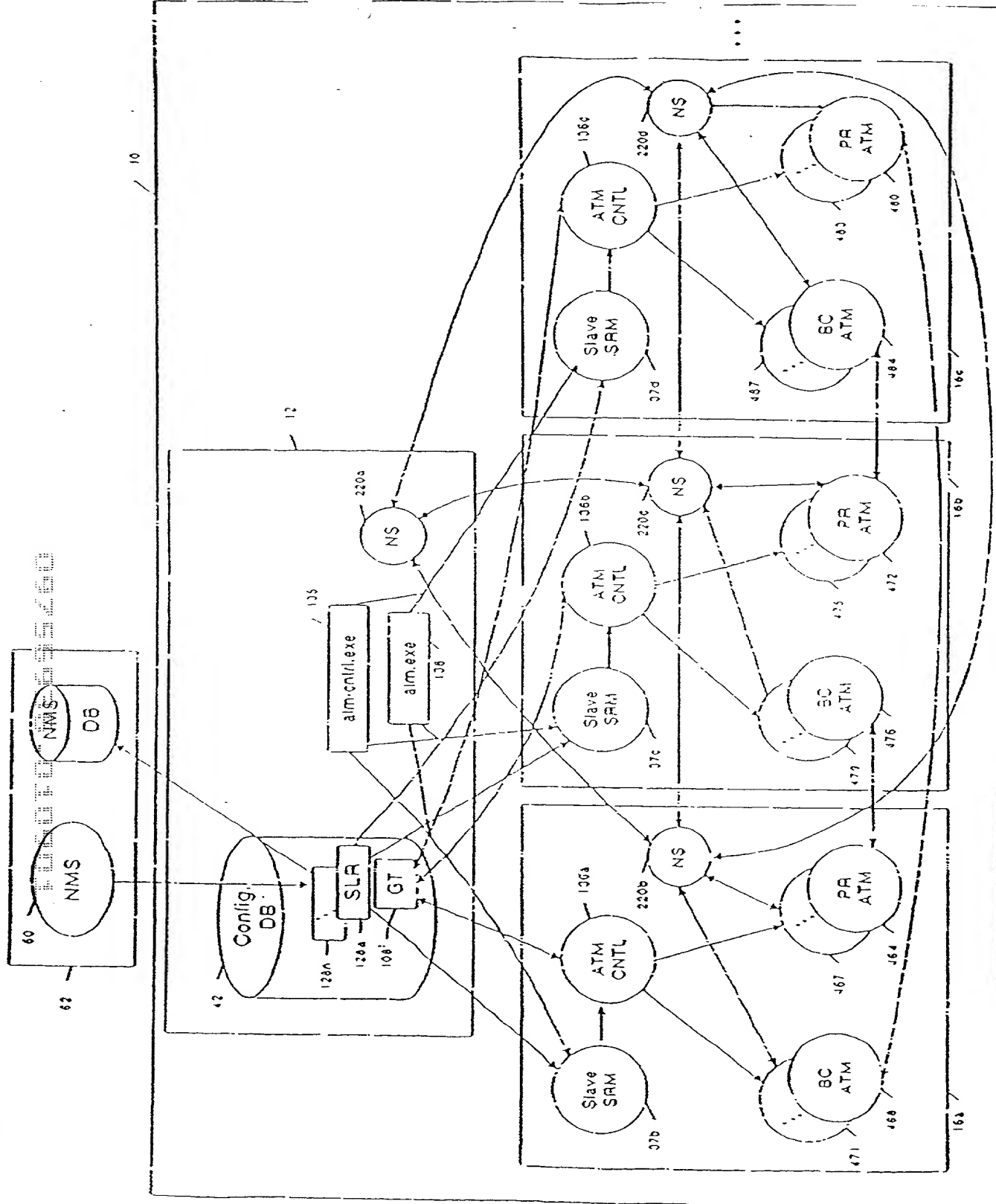


FIG. 29



	Group #	Primary Card LID	Backup Card LID	...
450	1	30	31	
451	2	30	31	
452	3	30	31	
453	4	30	31	
454	5	31	32	
455	6	31	32	
456	7	31	32	
457	8	31	32	
458	9	32	30	
459	10	32	30	
460	11	32	30	
461	12	32	30	
	⋮	⋮	⋮	⋮

Fig 30

Fig. 31a

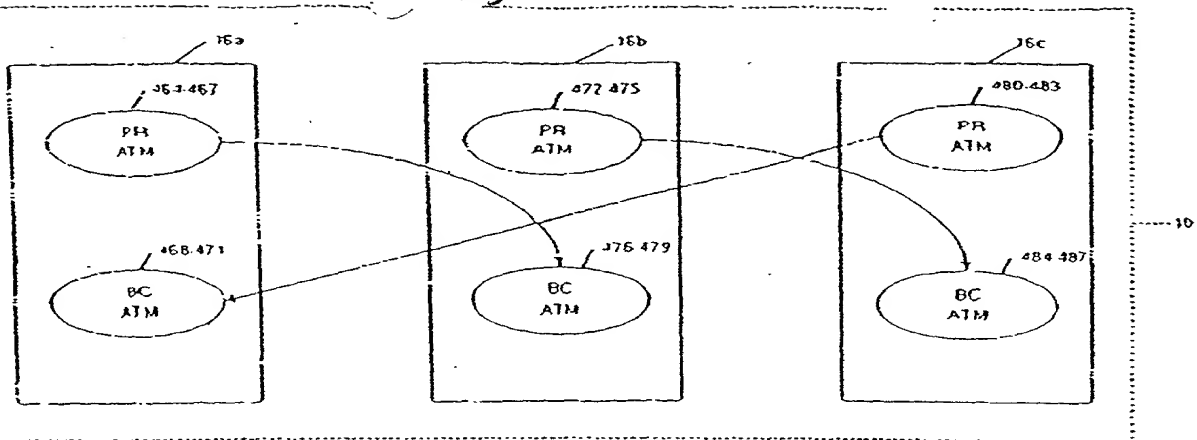


Fig. 31b

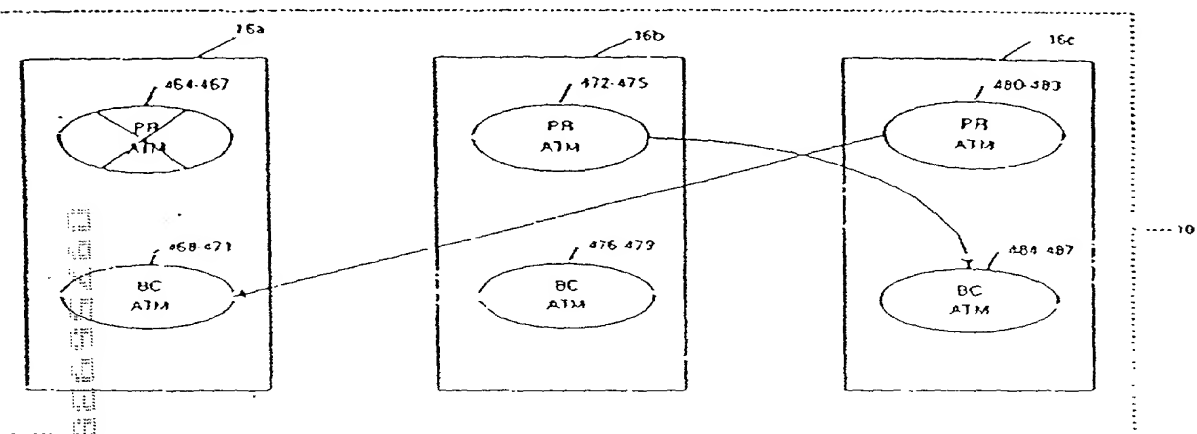
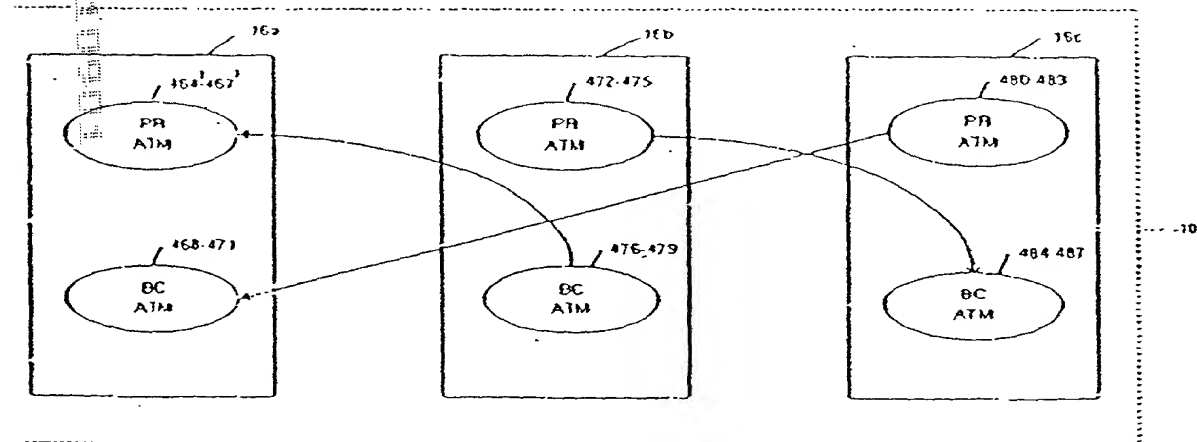


Fig. 31c



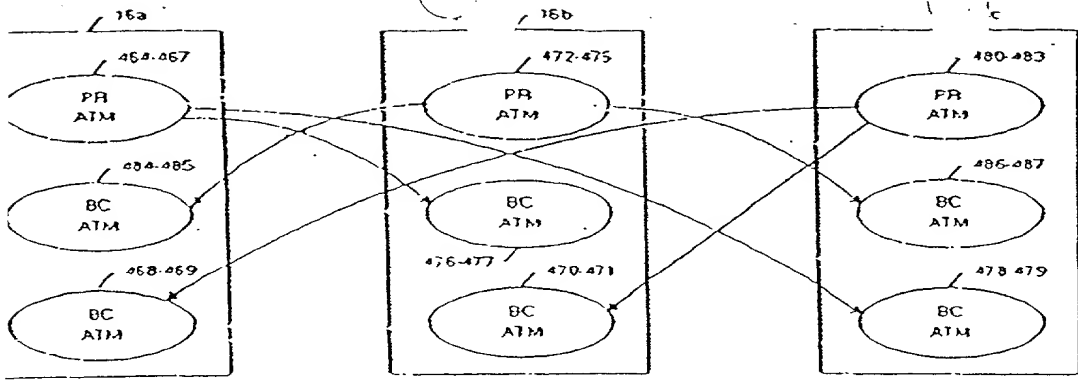


Fig. 32b

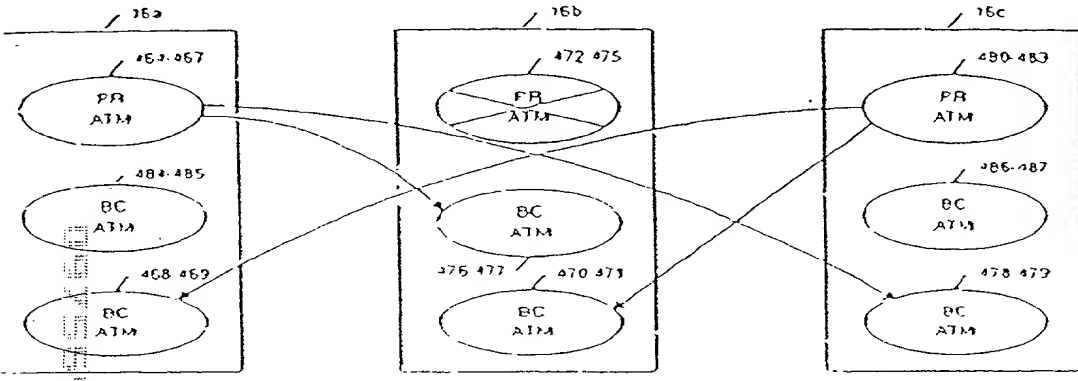


Fig. 32c

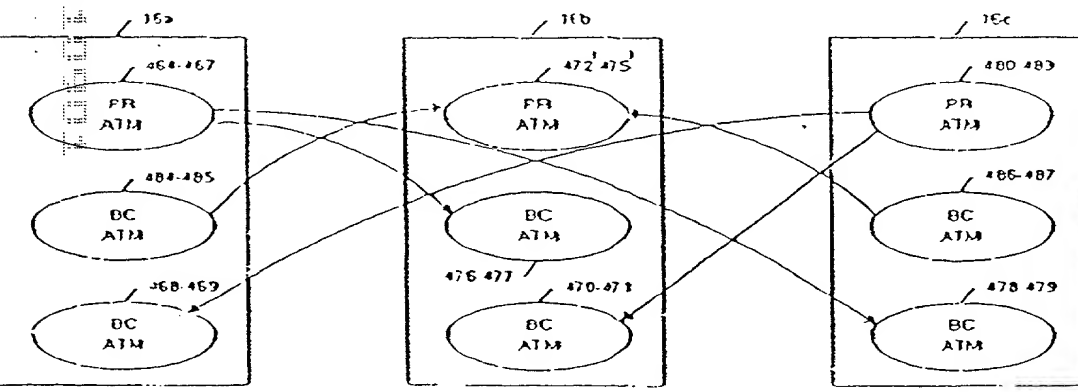


Fig. 33a

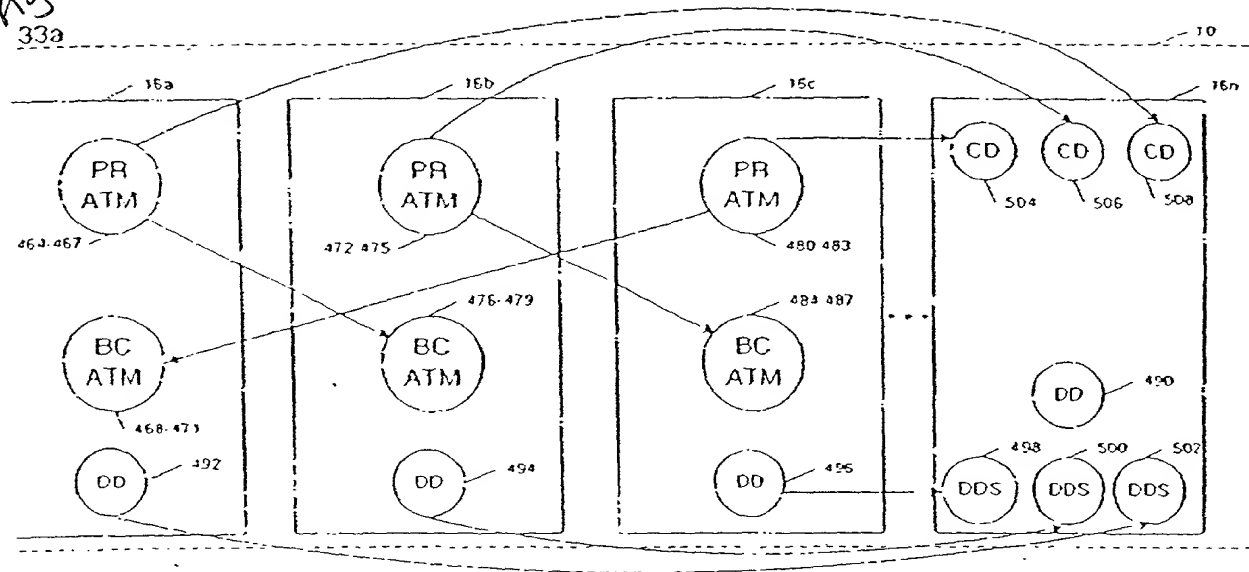


Fig. 33b

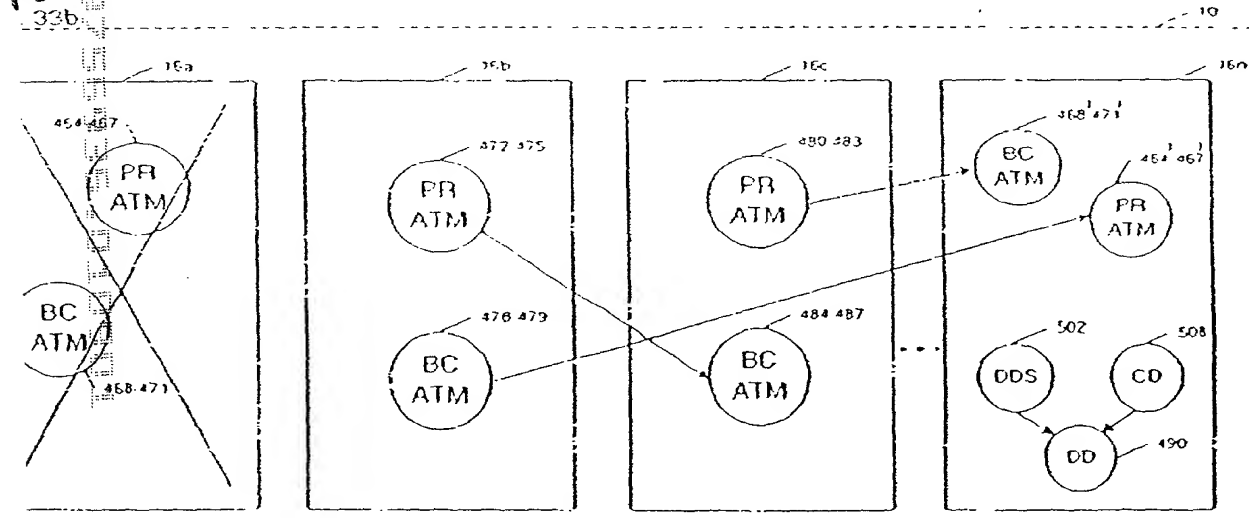


Fig 33c

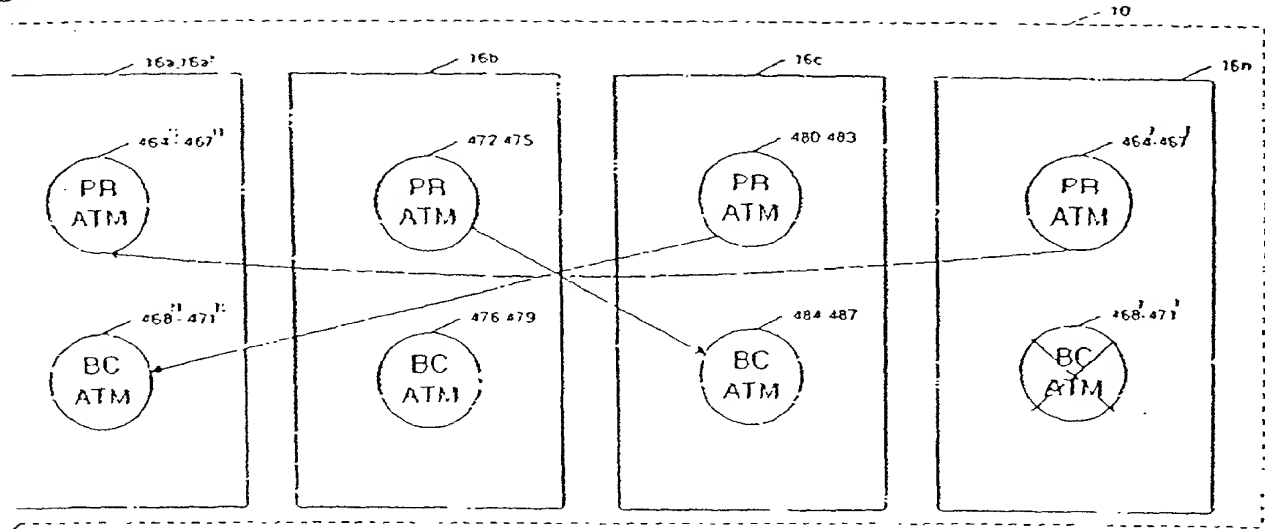


Fig 33d

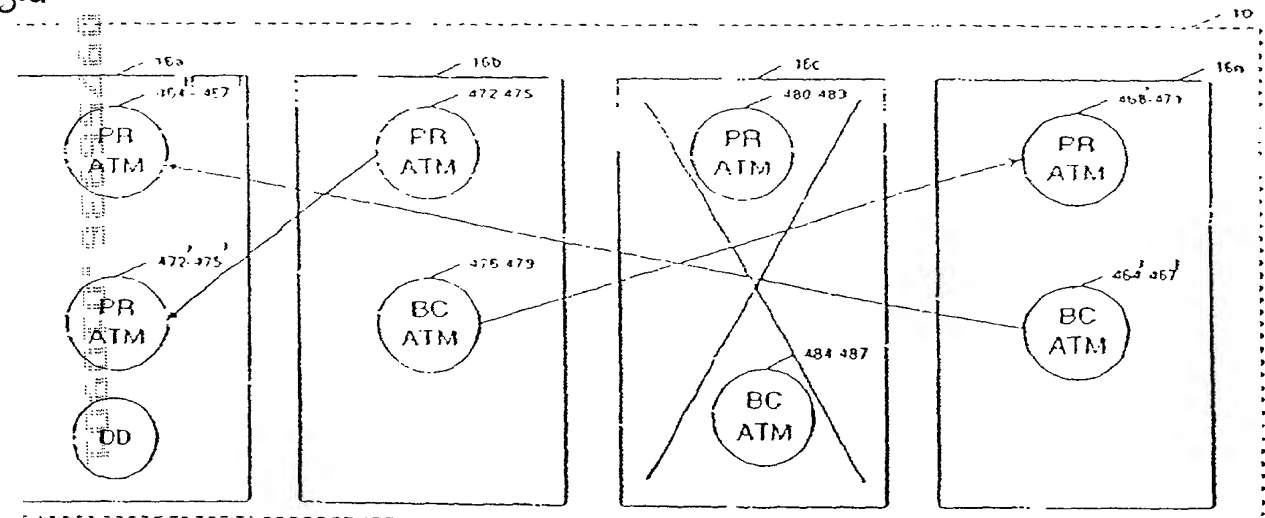
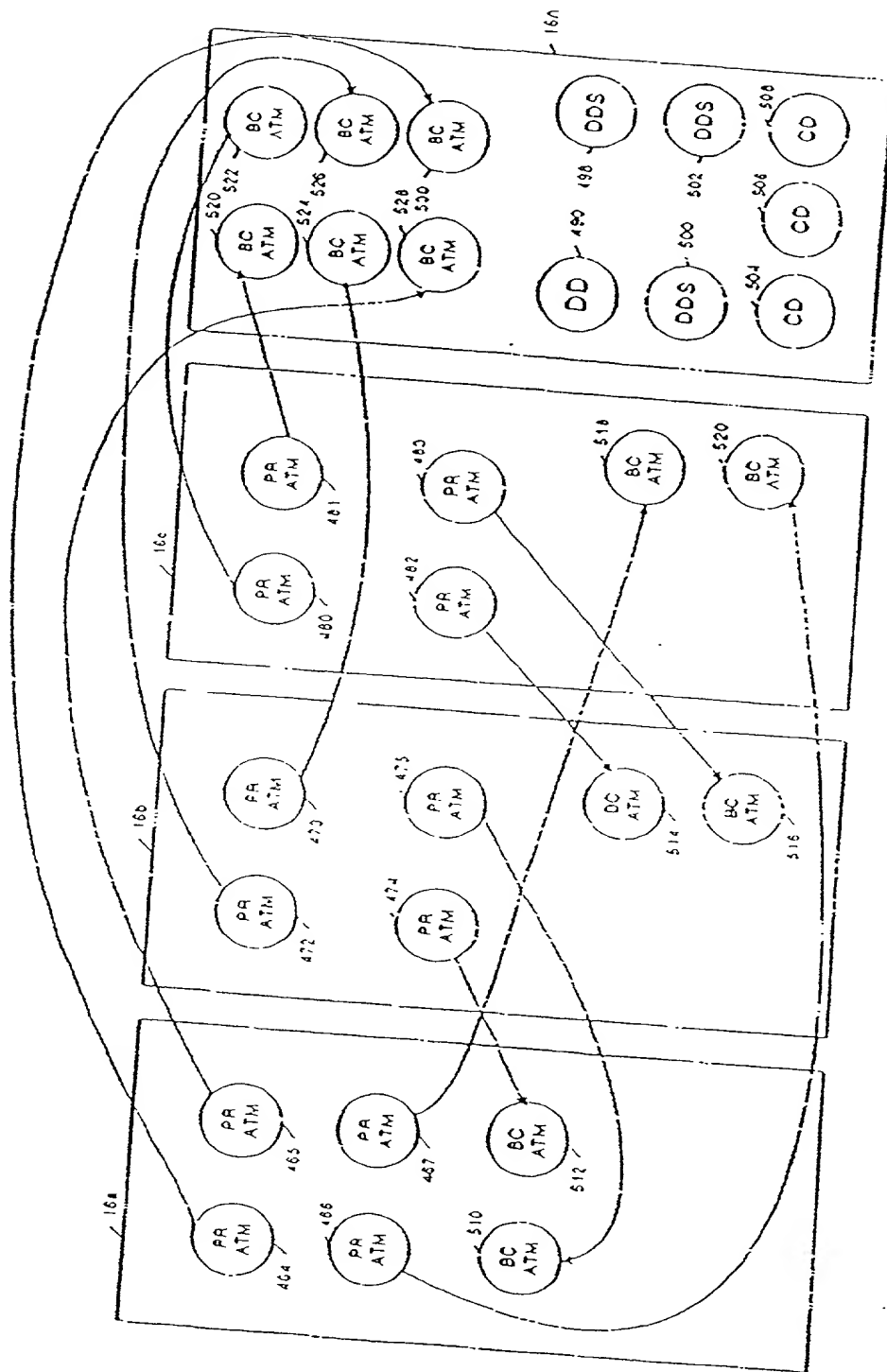


Fig. 34a



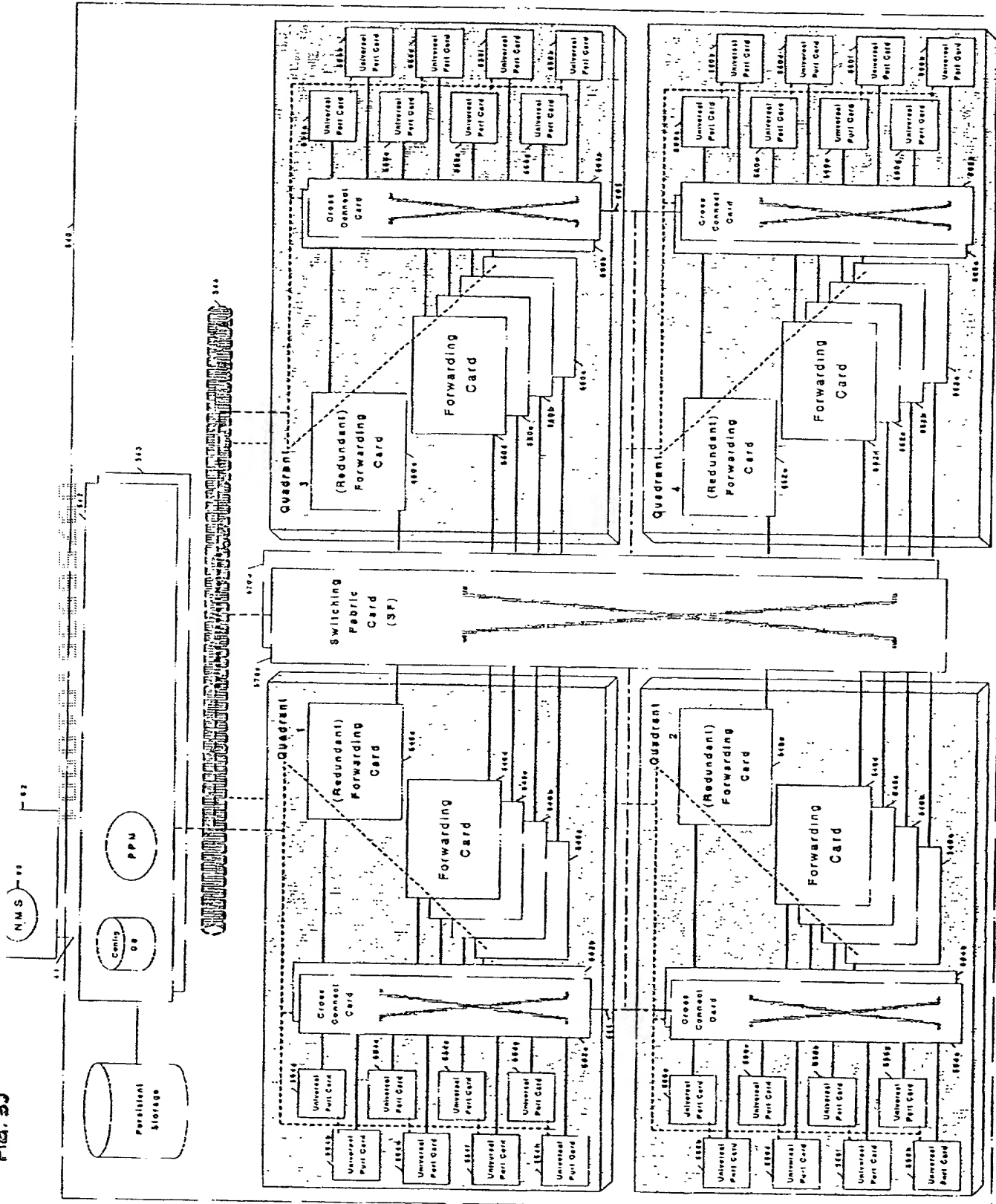


FIG. 36

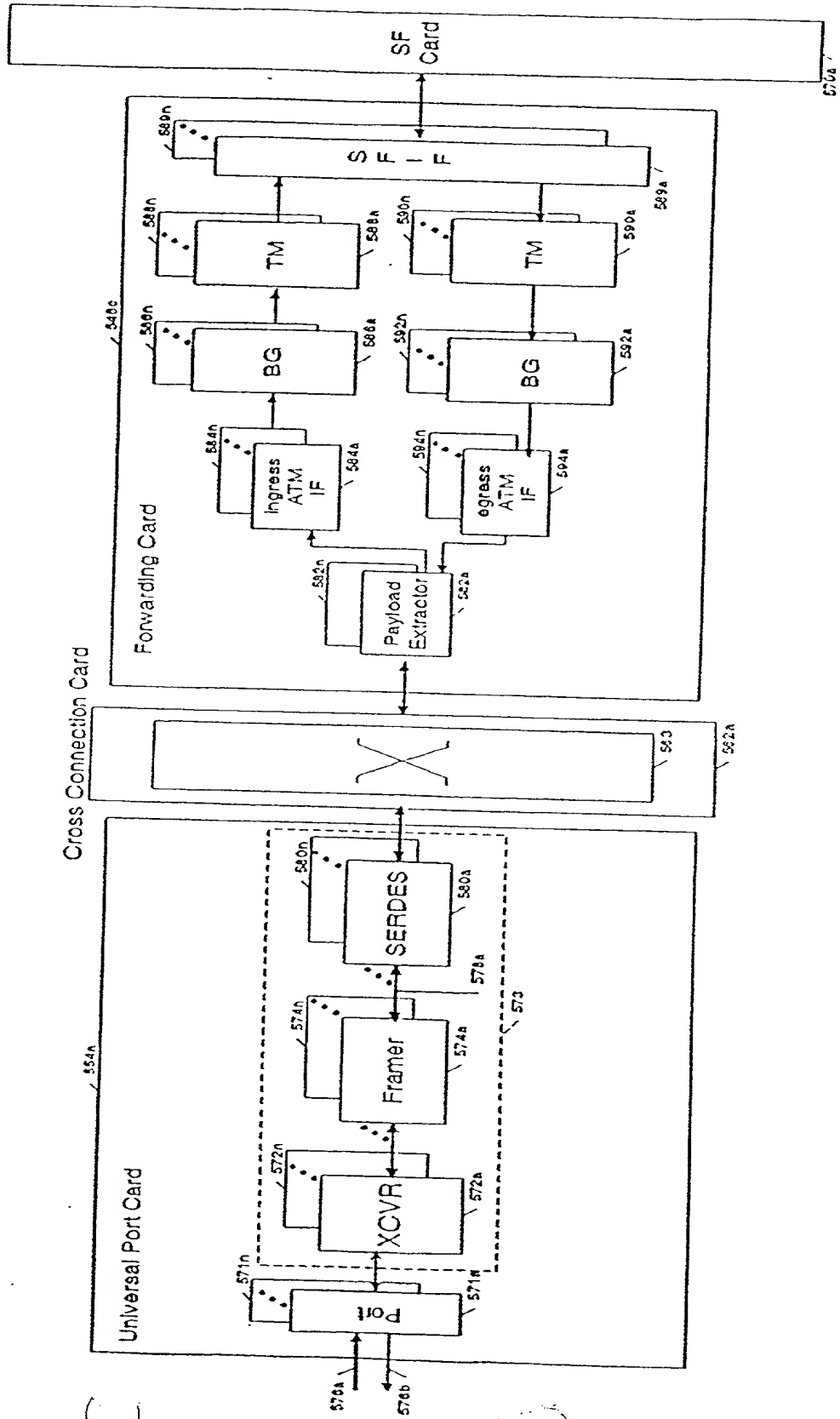


FIG. 37

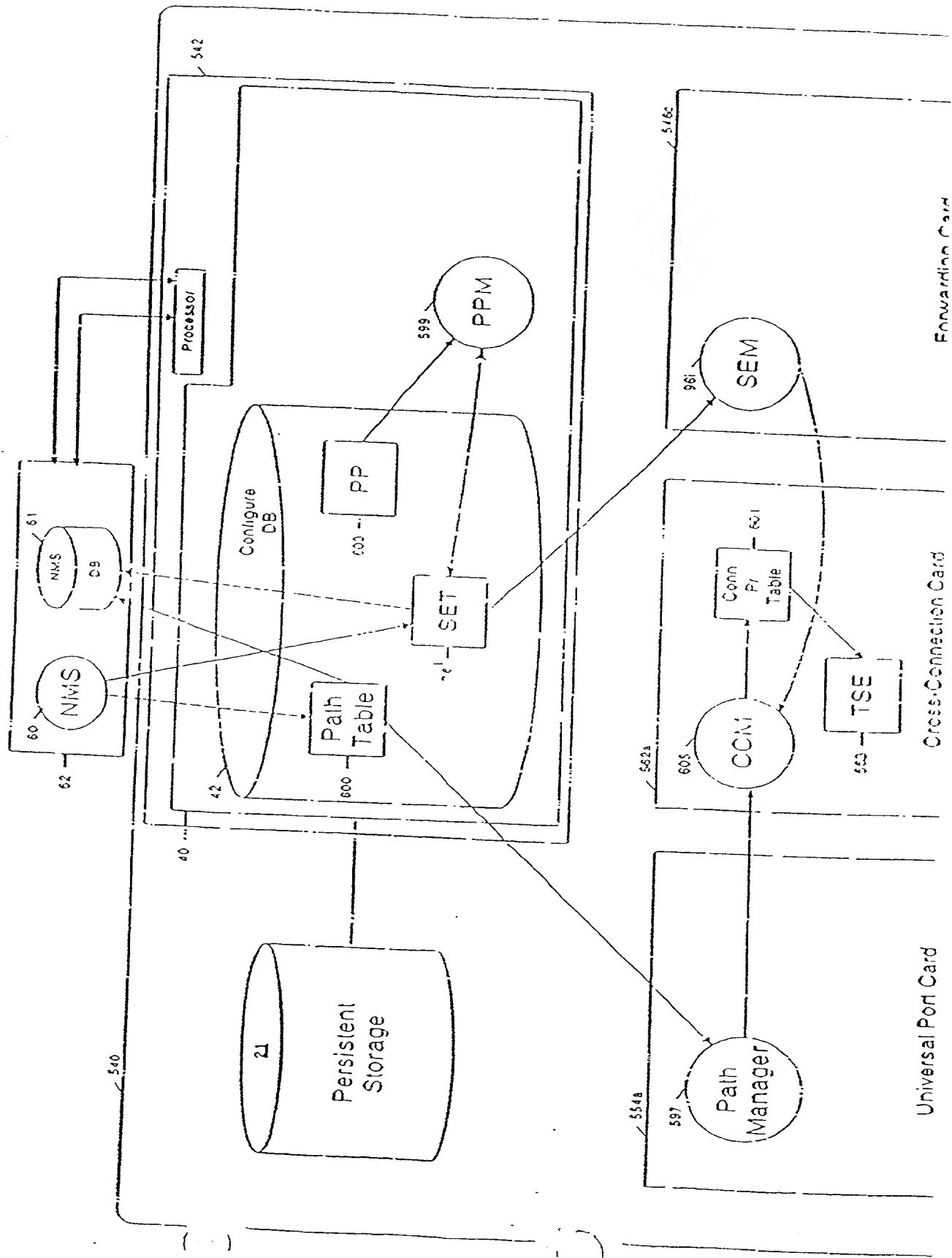


FIG. 38

Path Table 600

602

Path LID	UP Port LID	Time Slot	# of Time Slots	...
1666	1231	4	3	
...

FIG. 39

Service End Point Table 76'

SE #	Q #	FC LID	FC Slice	FC Time Slot	Path PID	...
878	1				1666	
...

00756036-010004

540 →

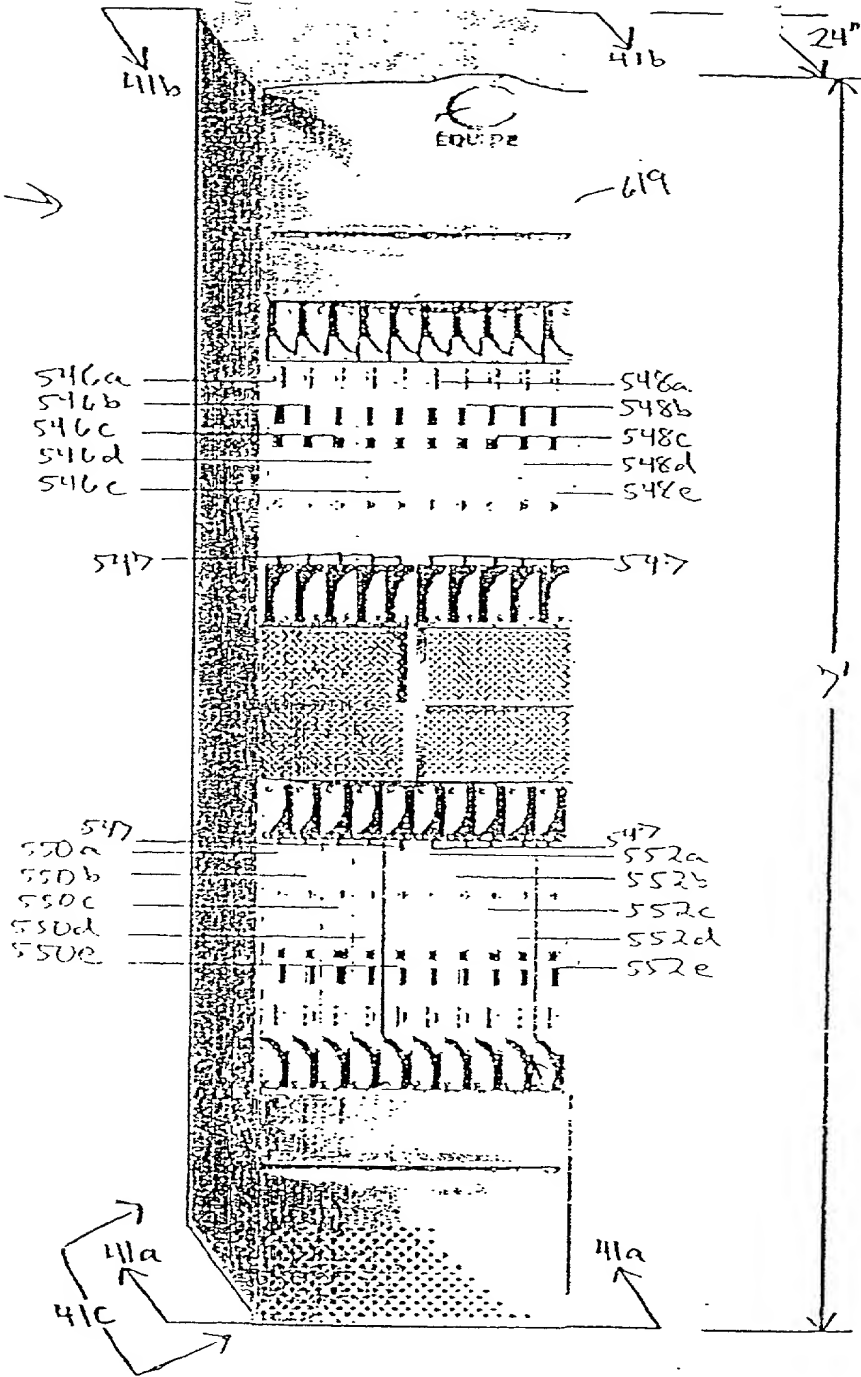


Fig. 40

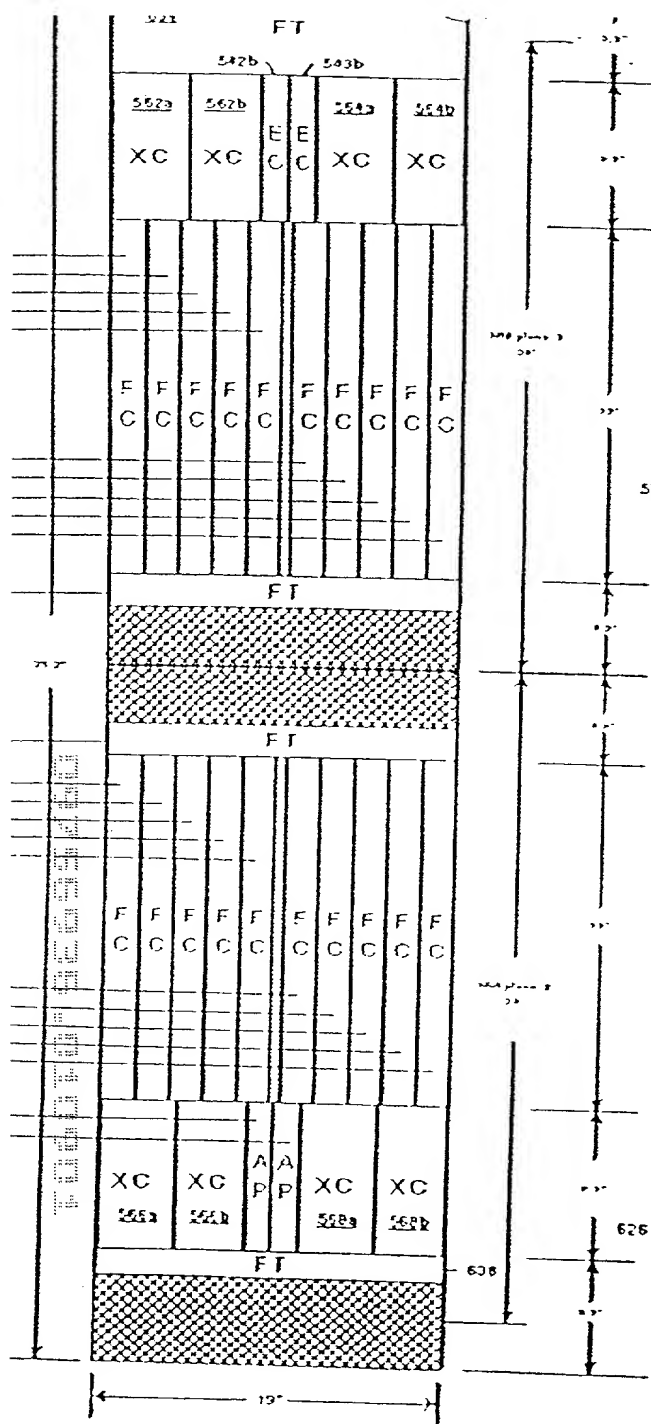


Fig. 41A

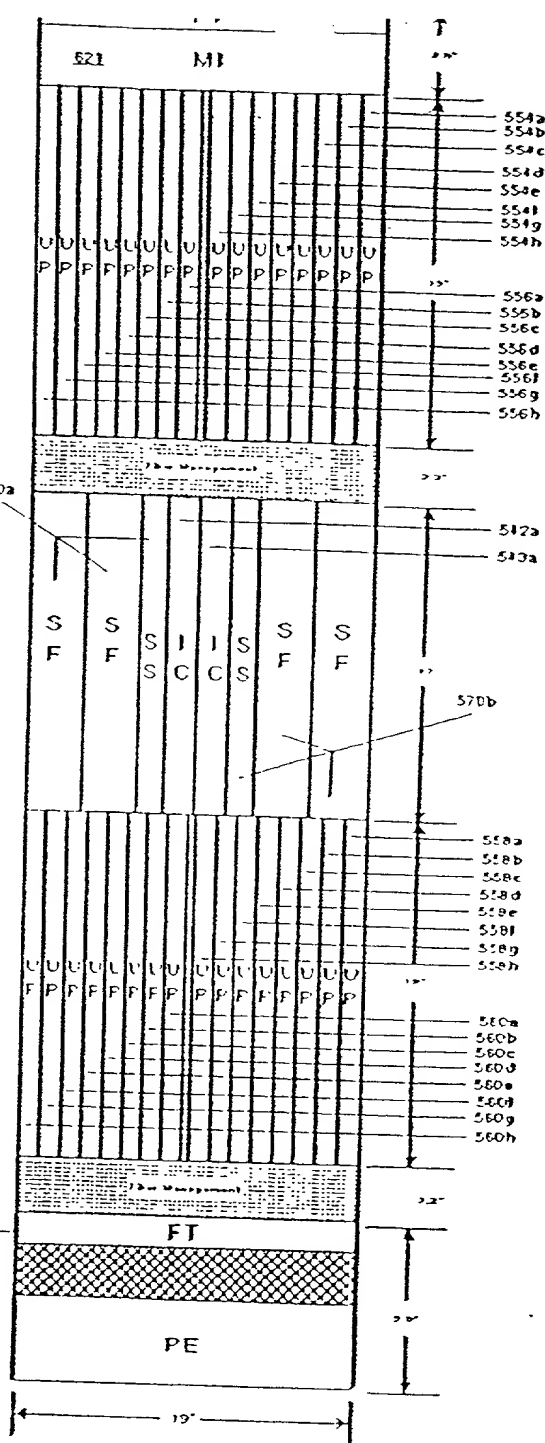
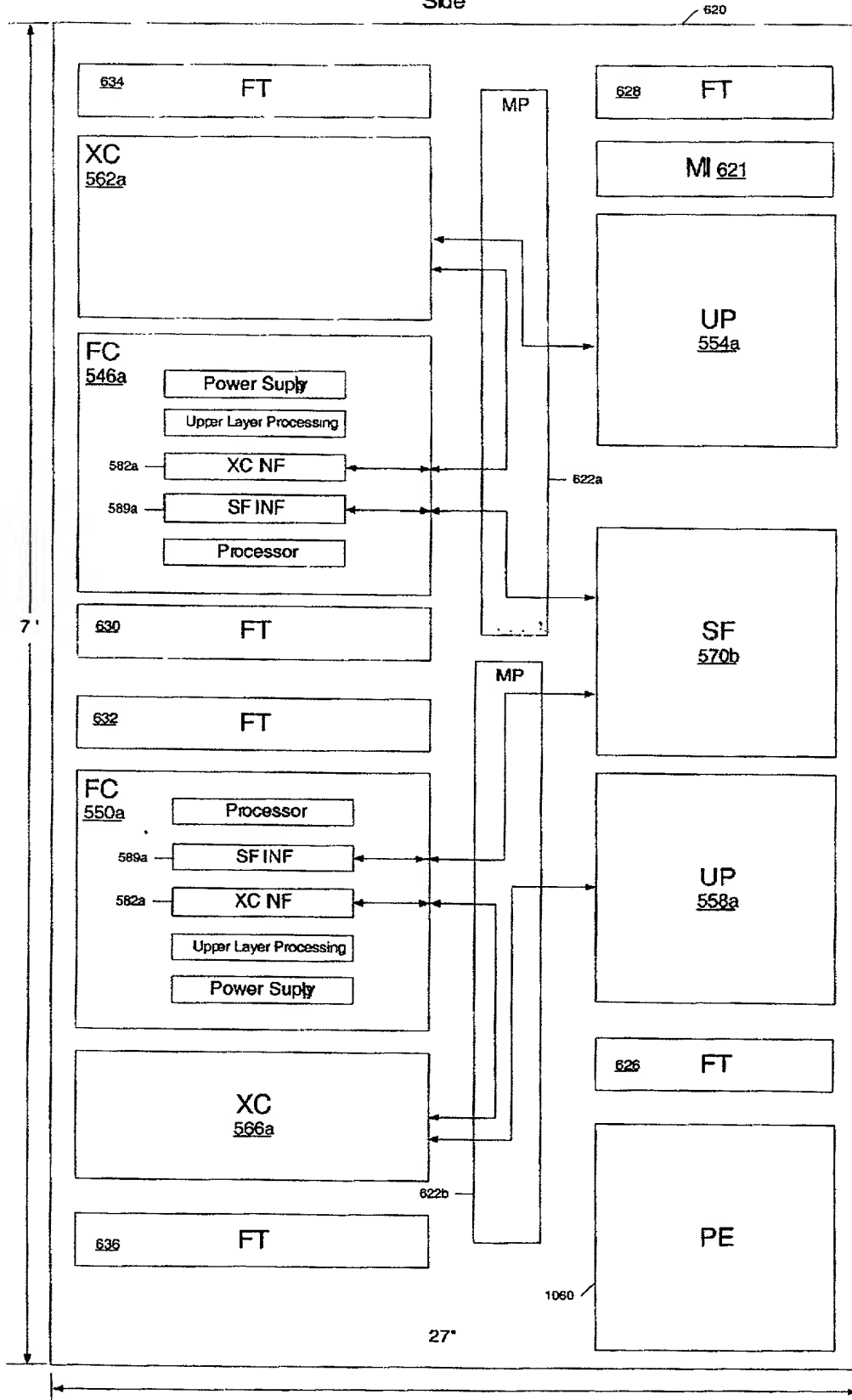


Fig. 41B

FIG. 41c
Side



100010 32695260

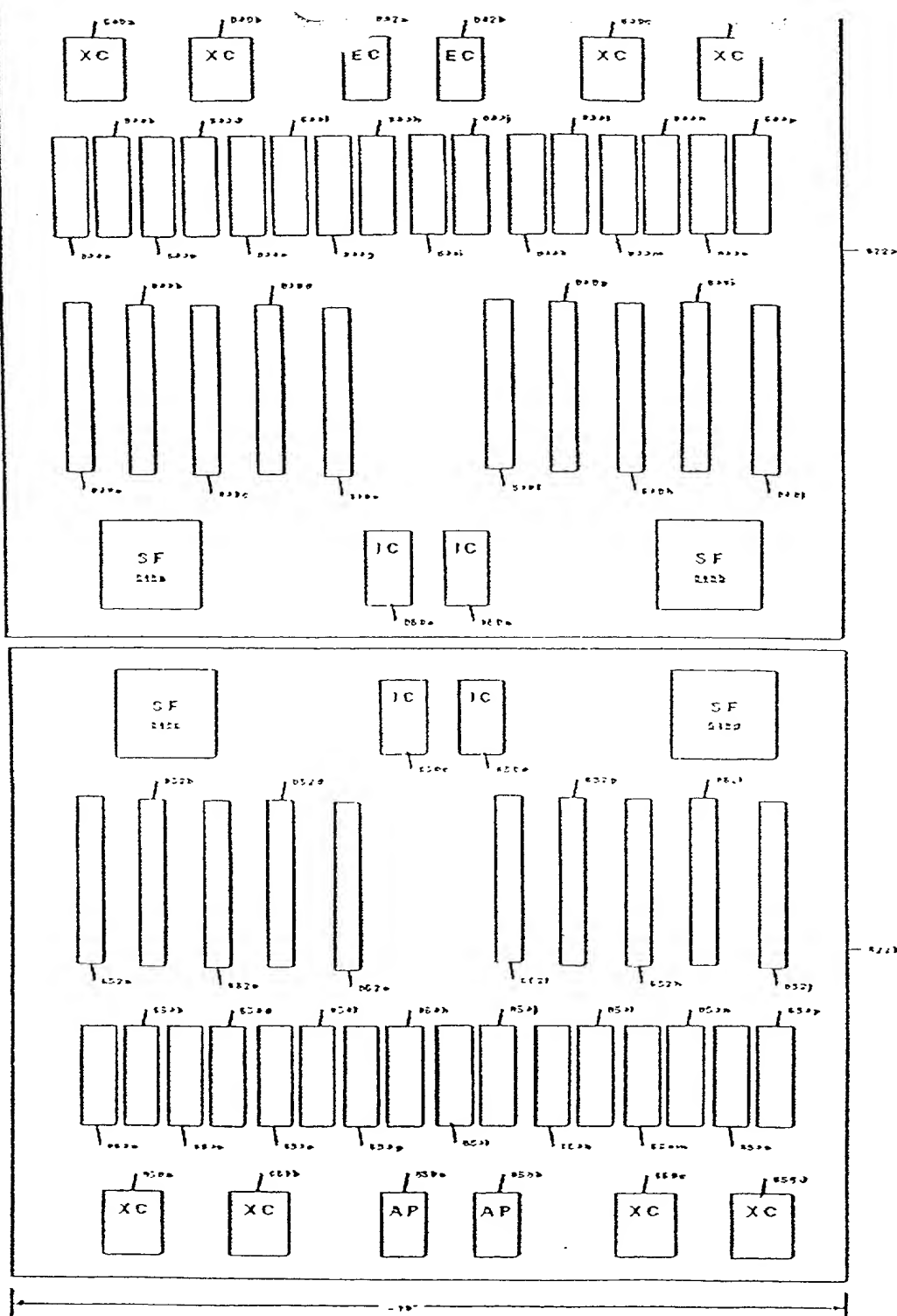
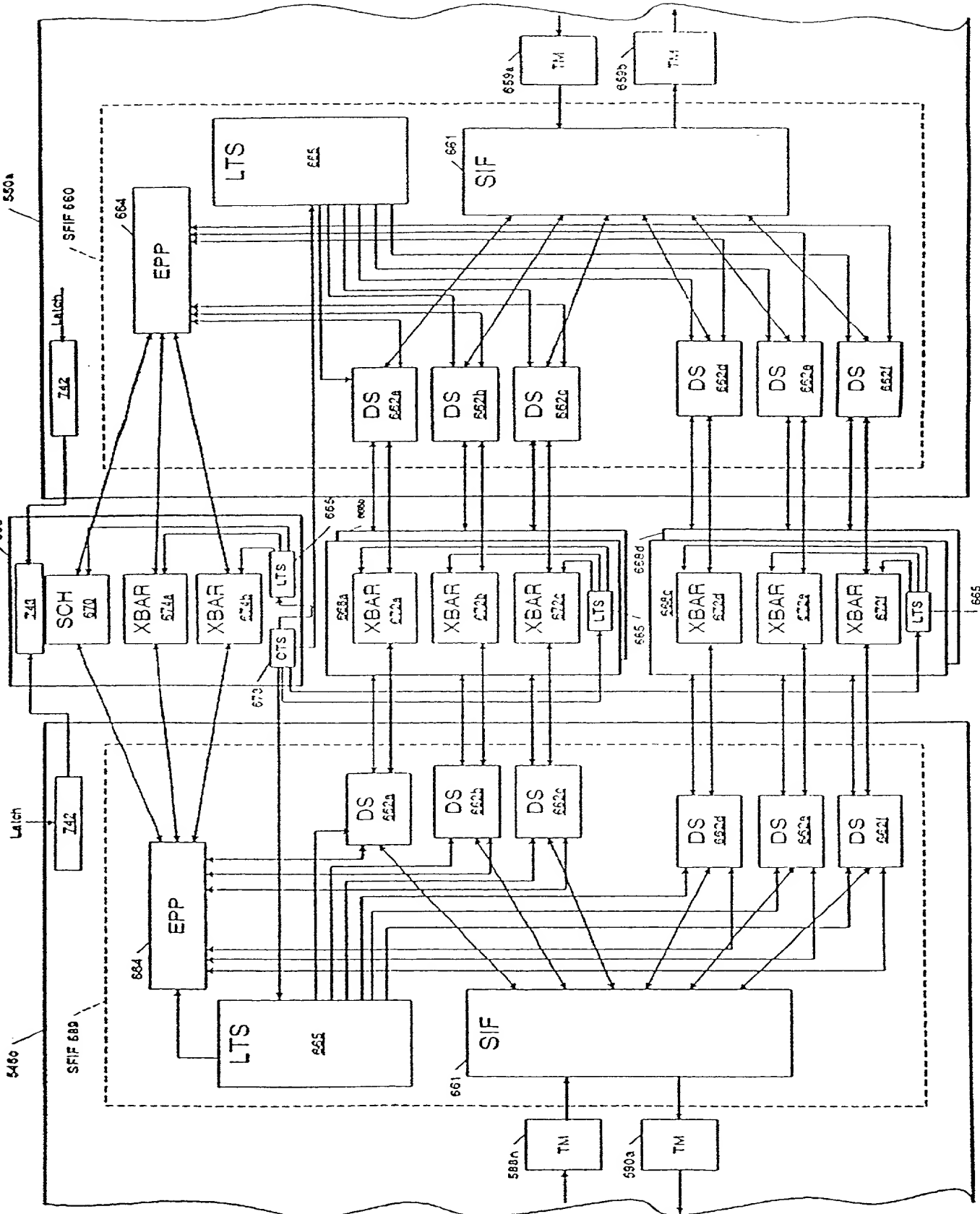


Fig. 42

FIG. 43

FIG. 43



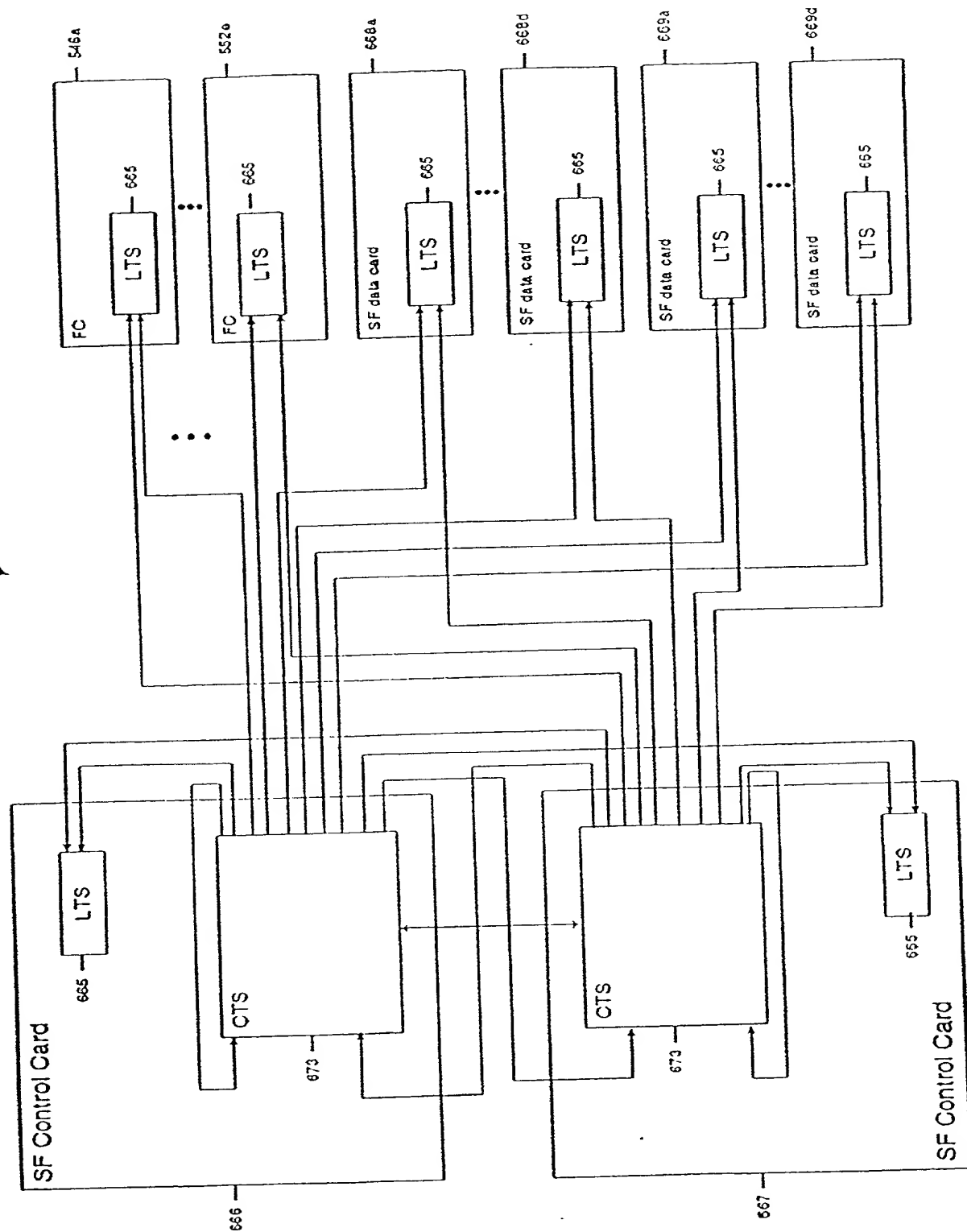
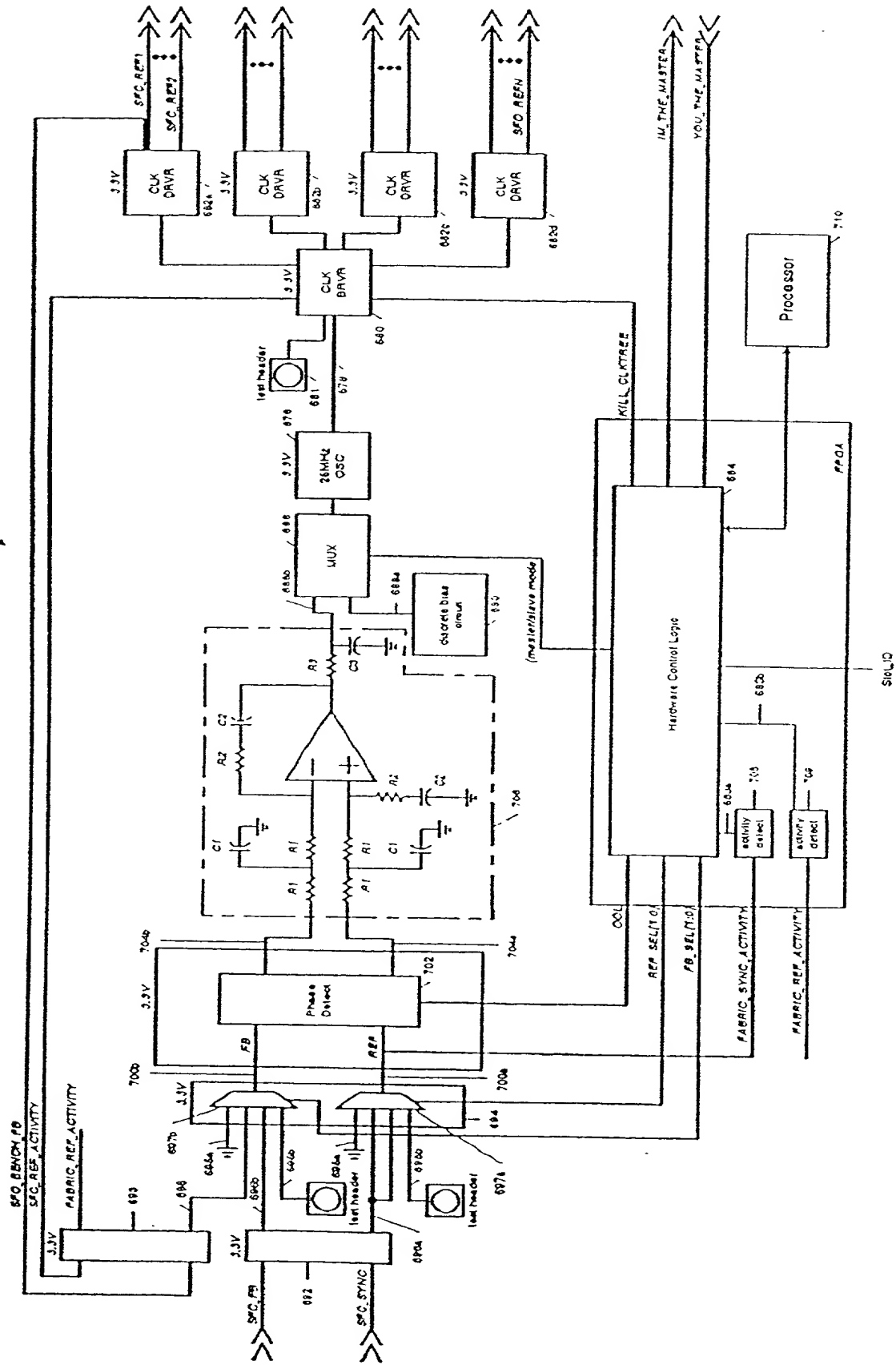


FIG. 44

673



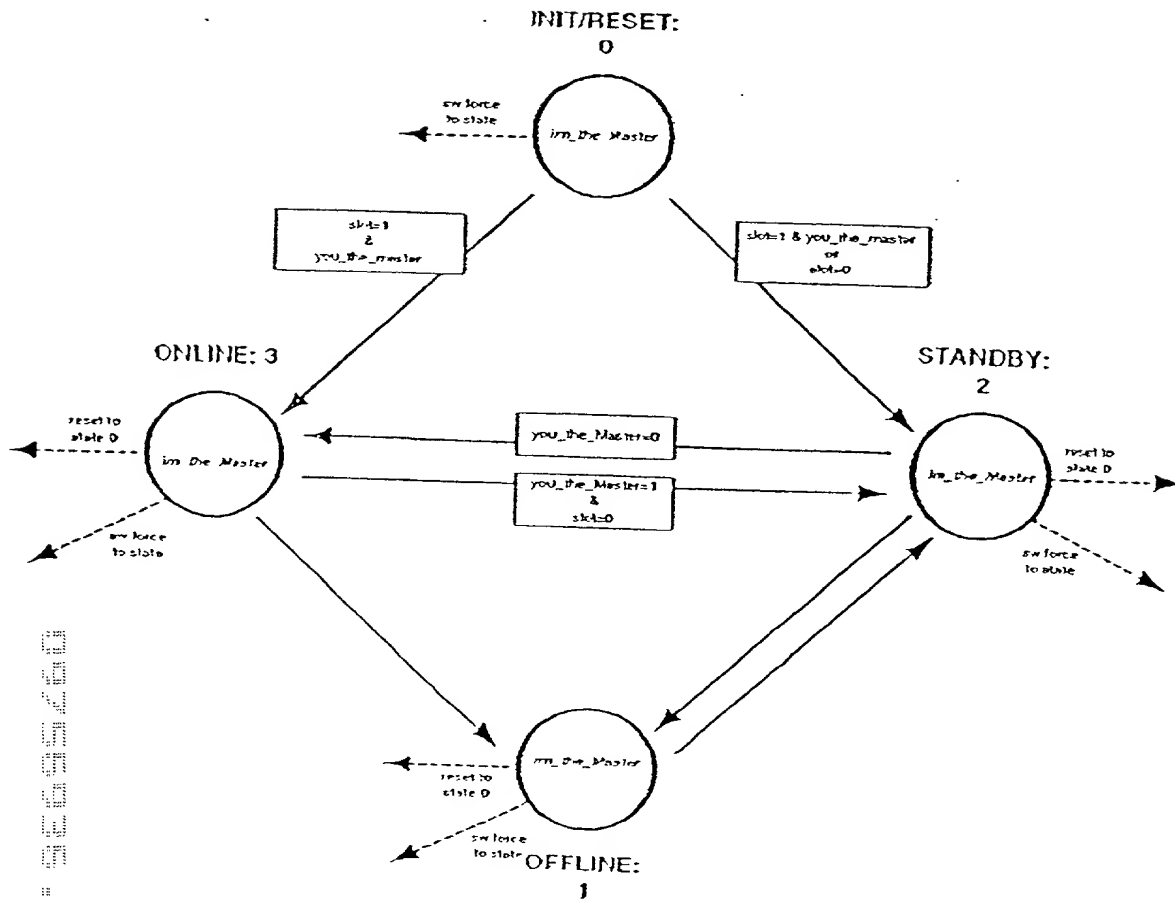


FIG. 46

555

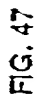


Fig. 47

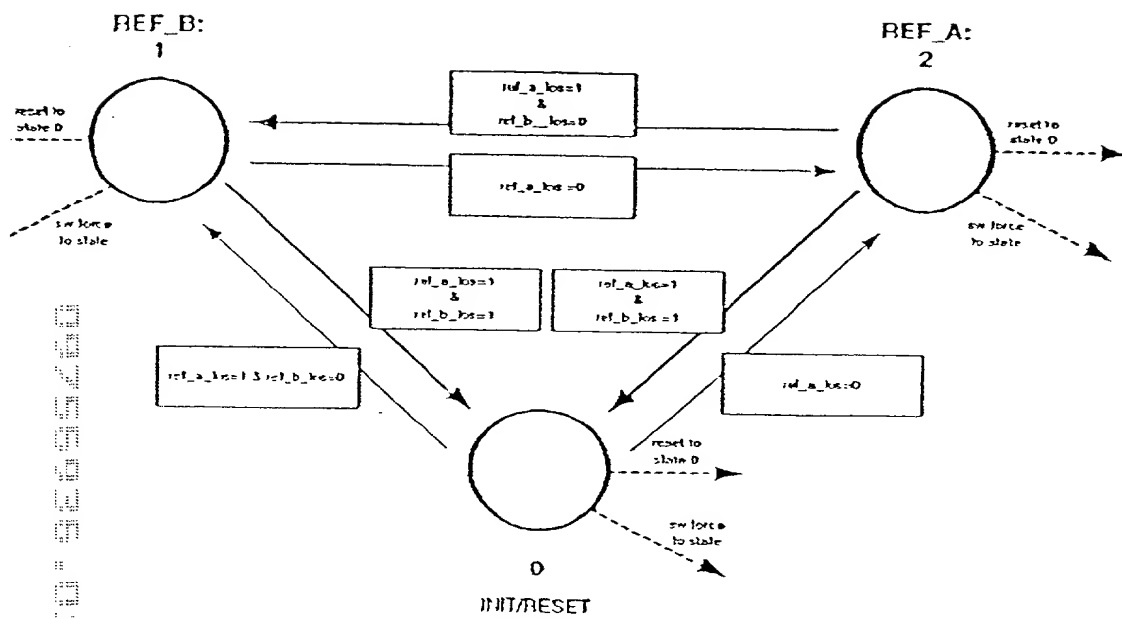


FIG. 48

FIG. 49

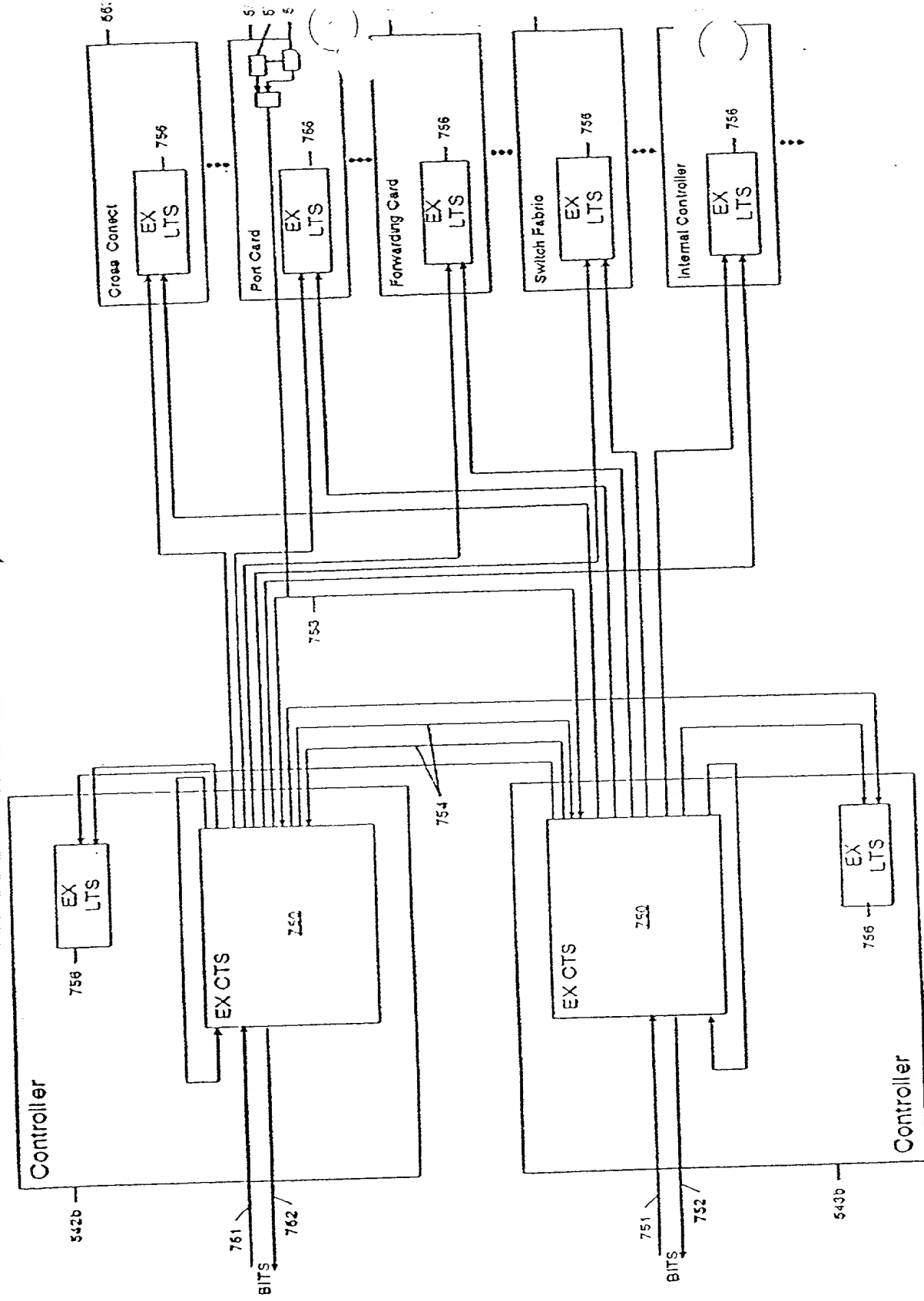


FIG. 49

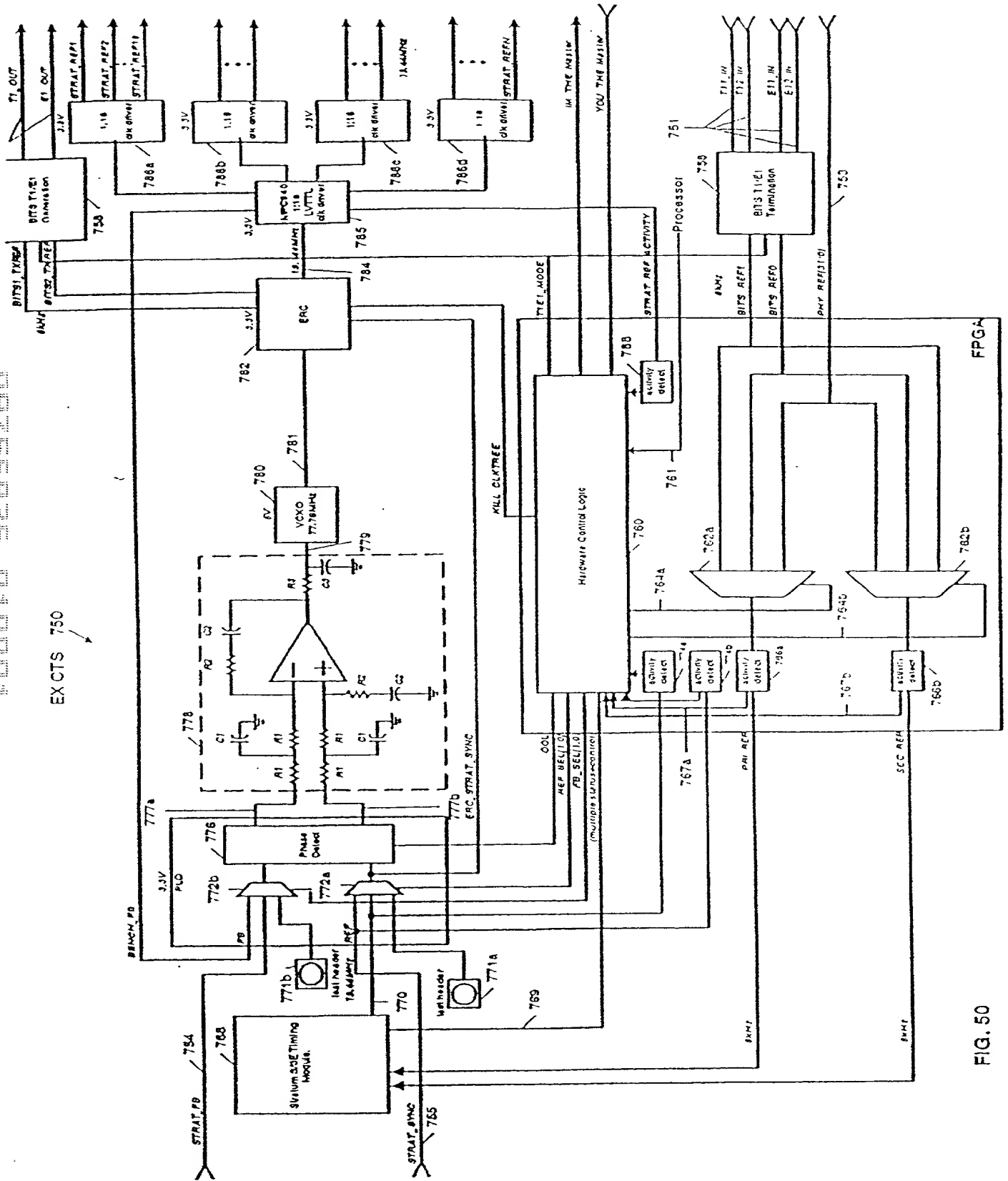


FIG. 50

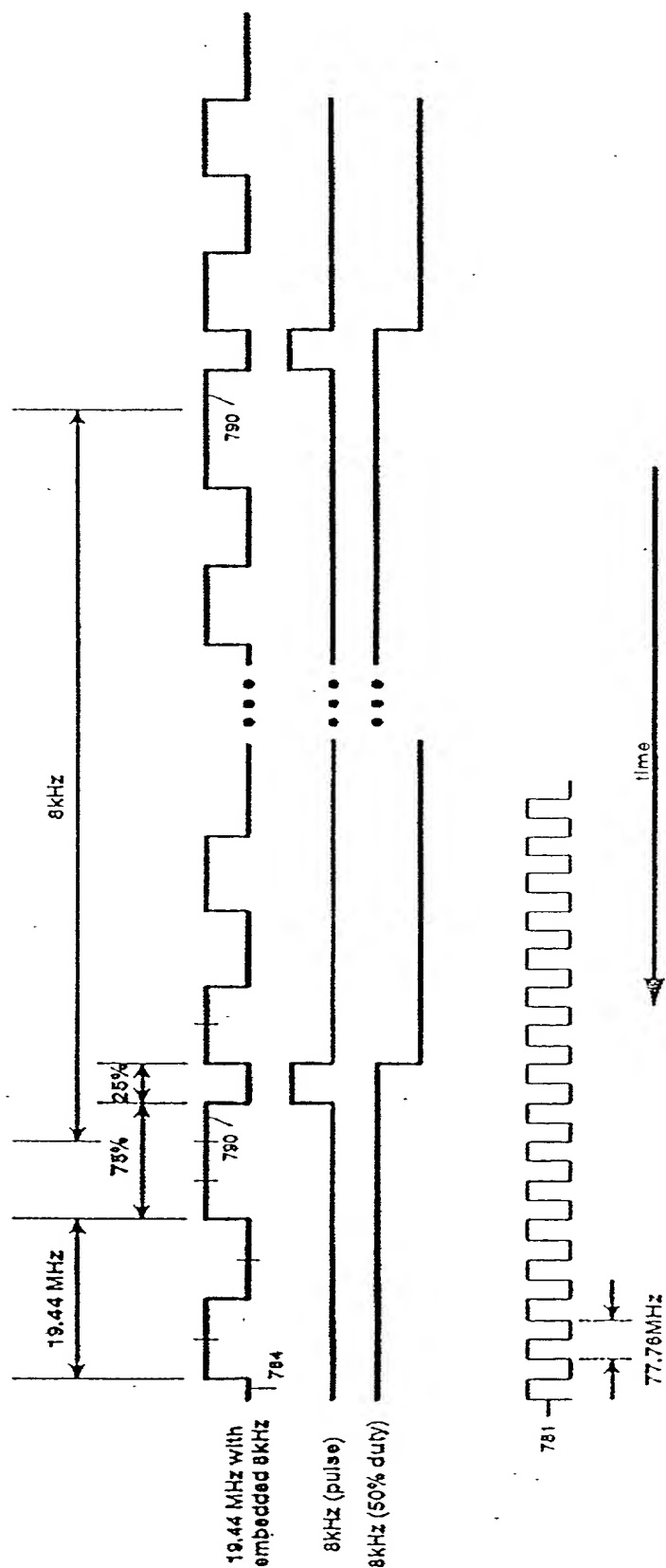


FIG. 51

792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

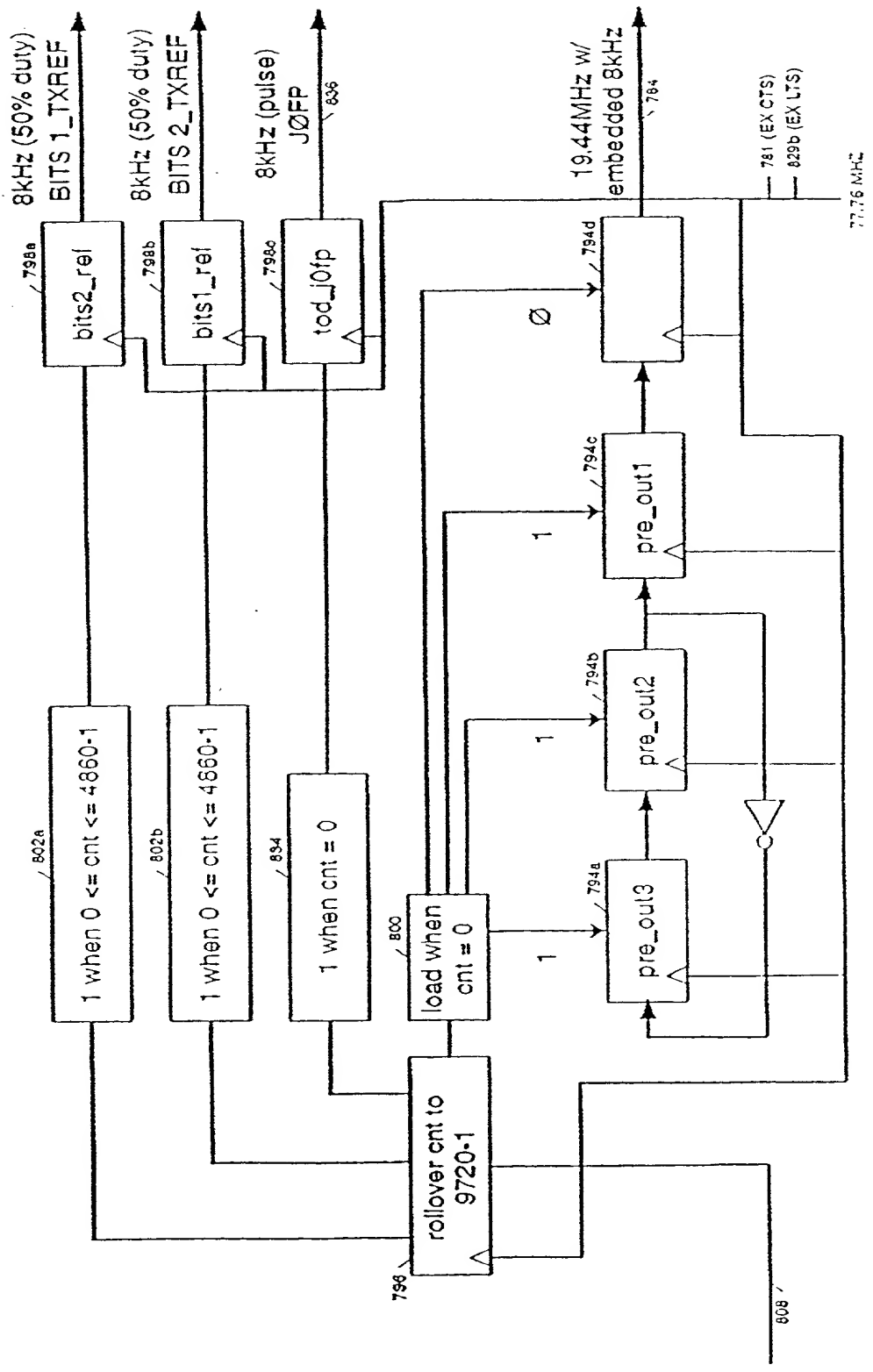
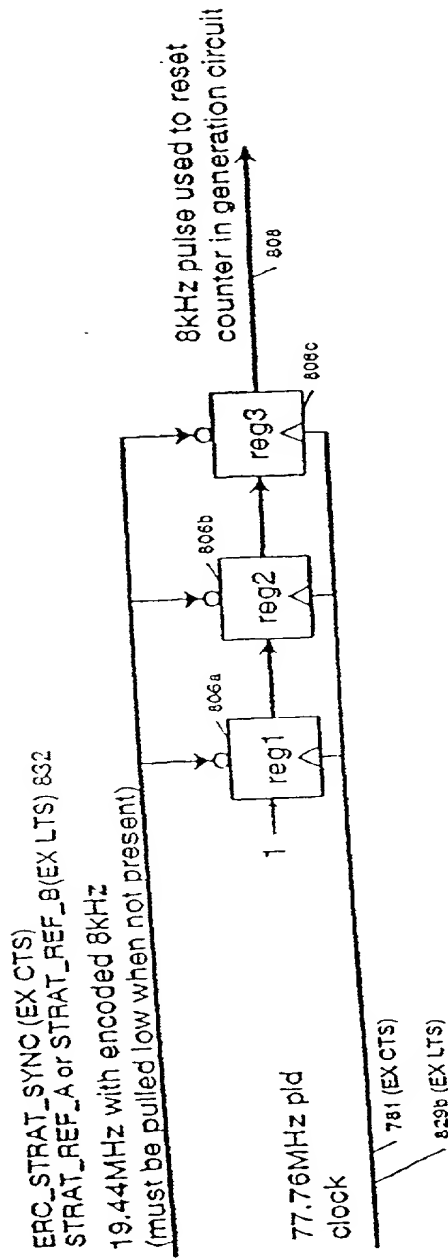


Fig. 52

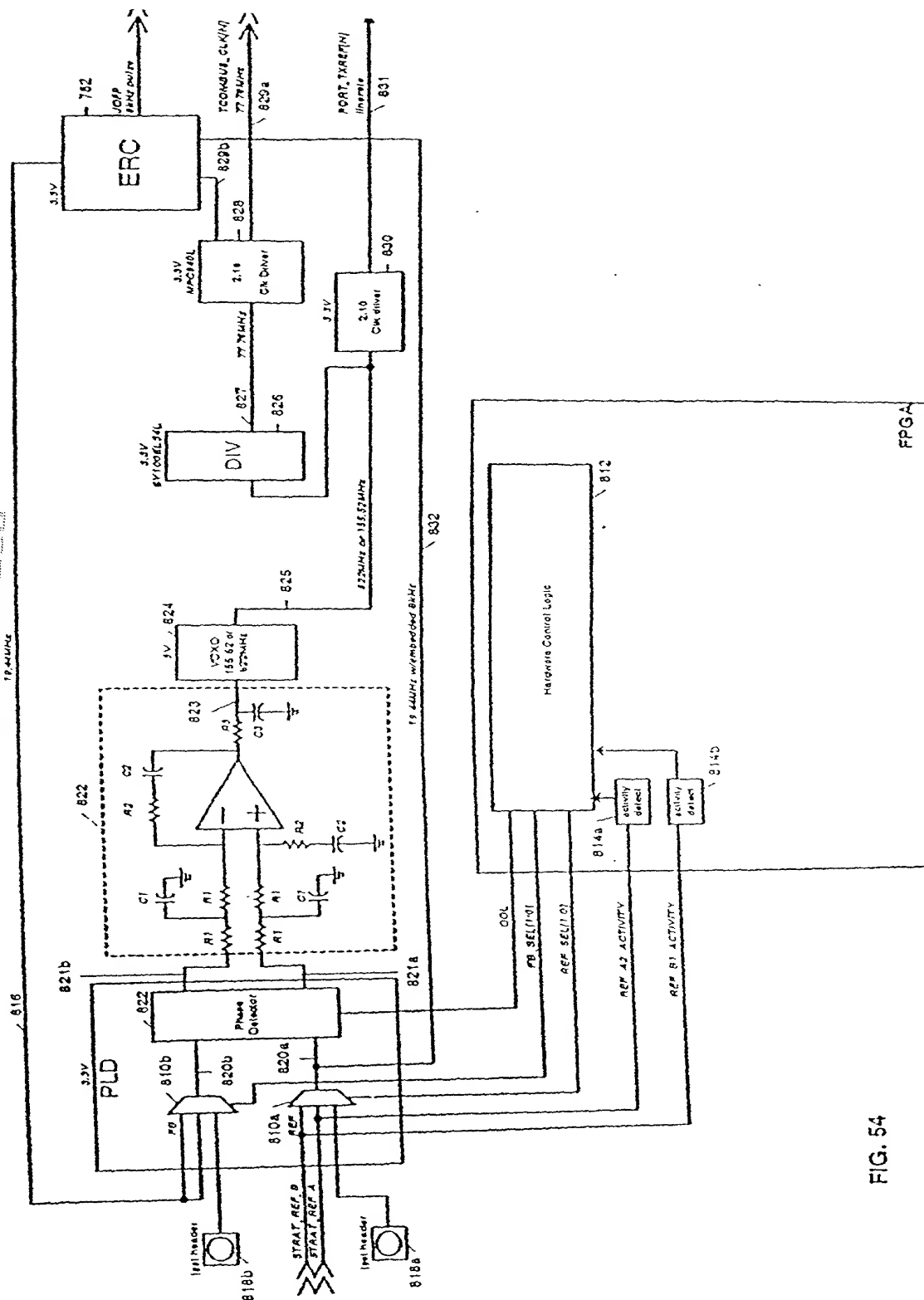
FIG. 53

804



Extractor

FIG. 53



	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

EX CTS 750a

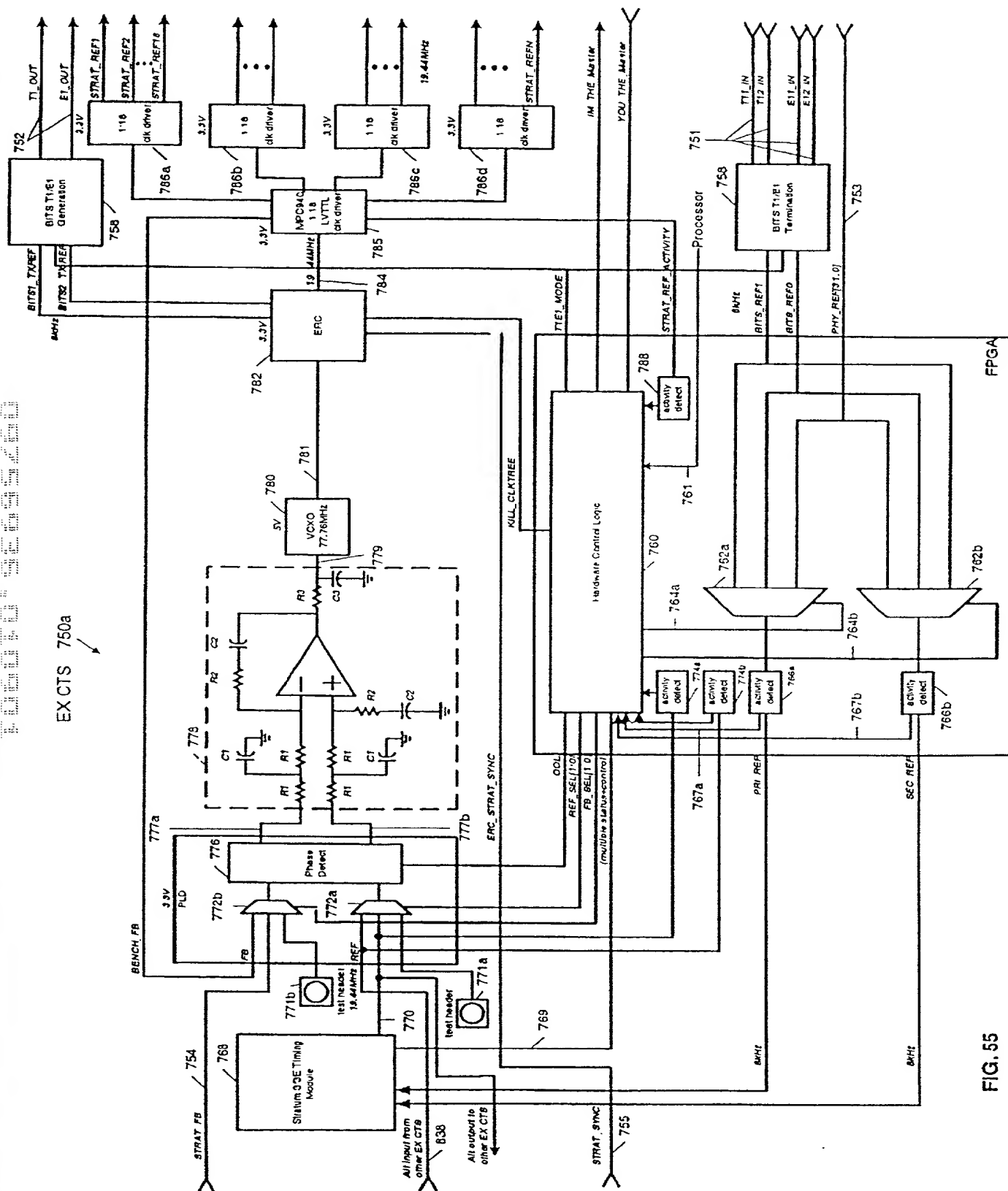


FIG. 55

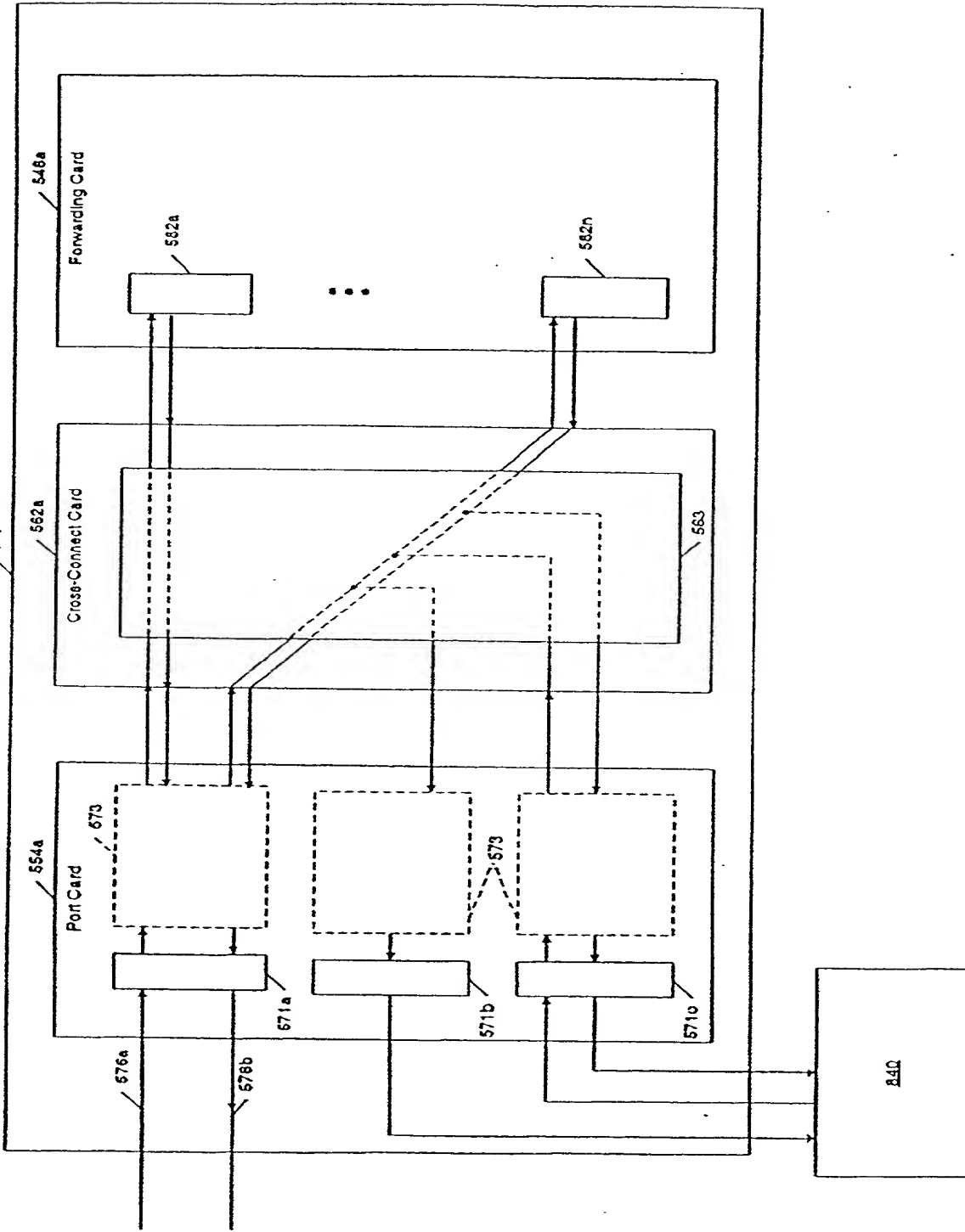


Fig. 56

FIG.57

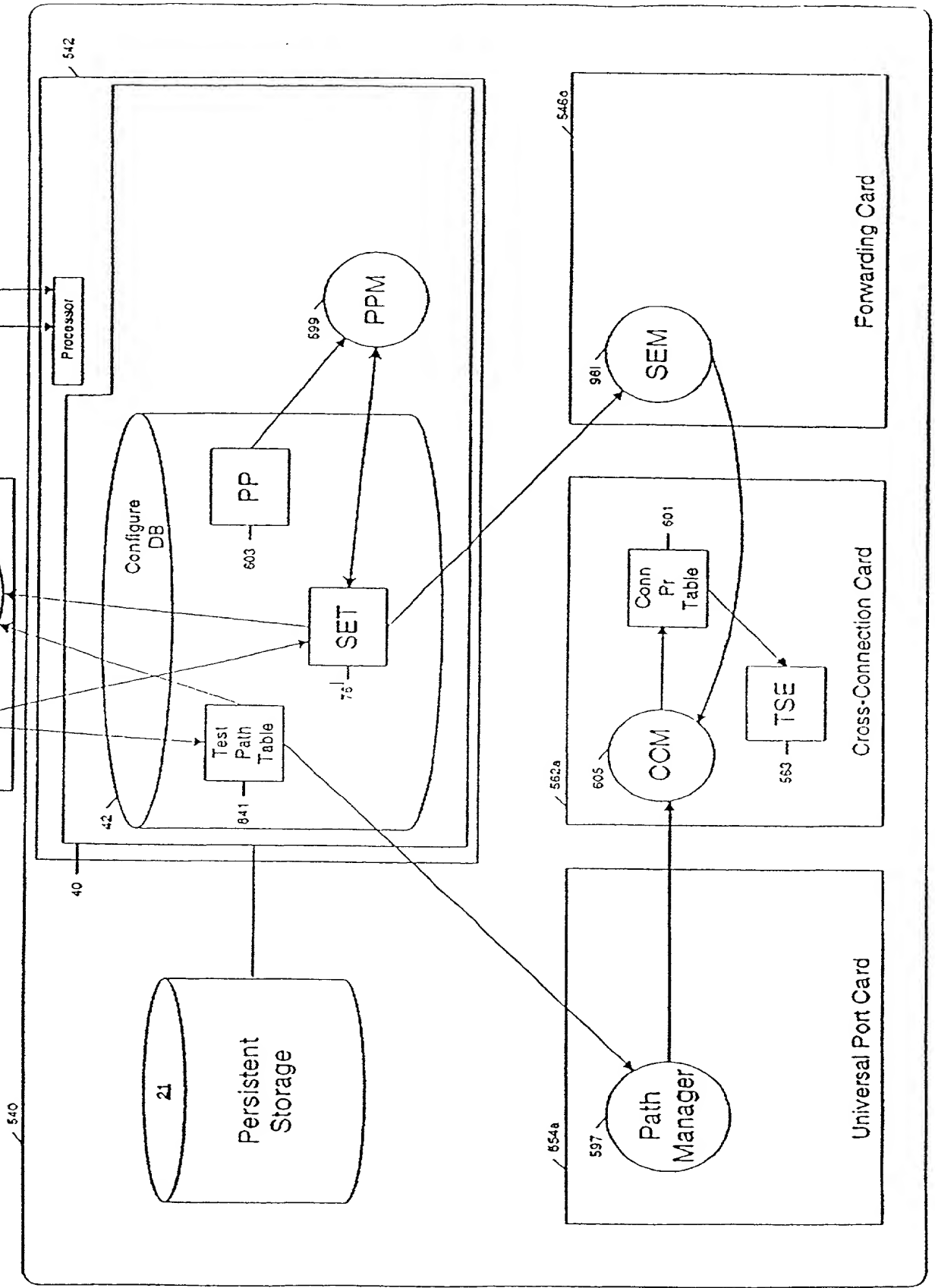


FIG. 58

FIG. 58

Test Path Table 841

844		845				
Path LID	UP Port LID	Time Slot	# of Time Slots	Monitor	Enable Port Receiver	...
842 — 1666	1232	4	3	Ingress	No	
843 — 1666	1233	4	3	Egress	No	
844 — 1666	1233	4	3	Ingress	Yes	
•	•	•	•			•
•	•	•	•			•

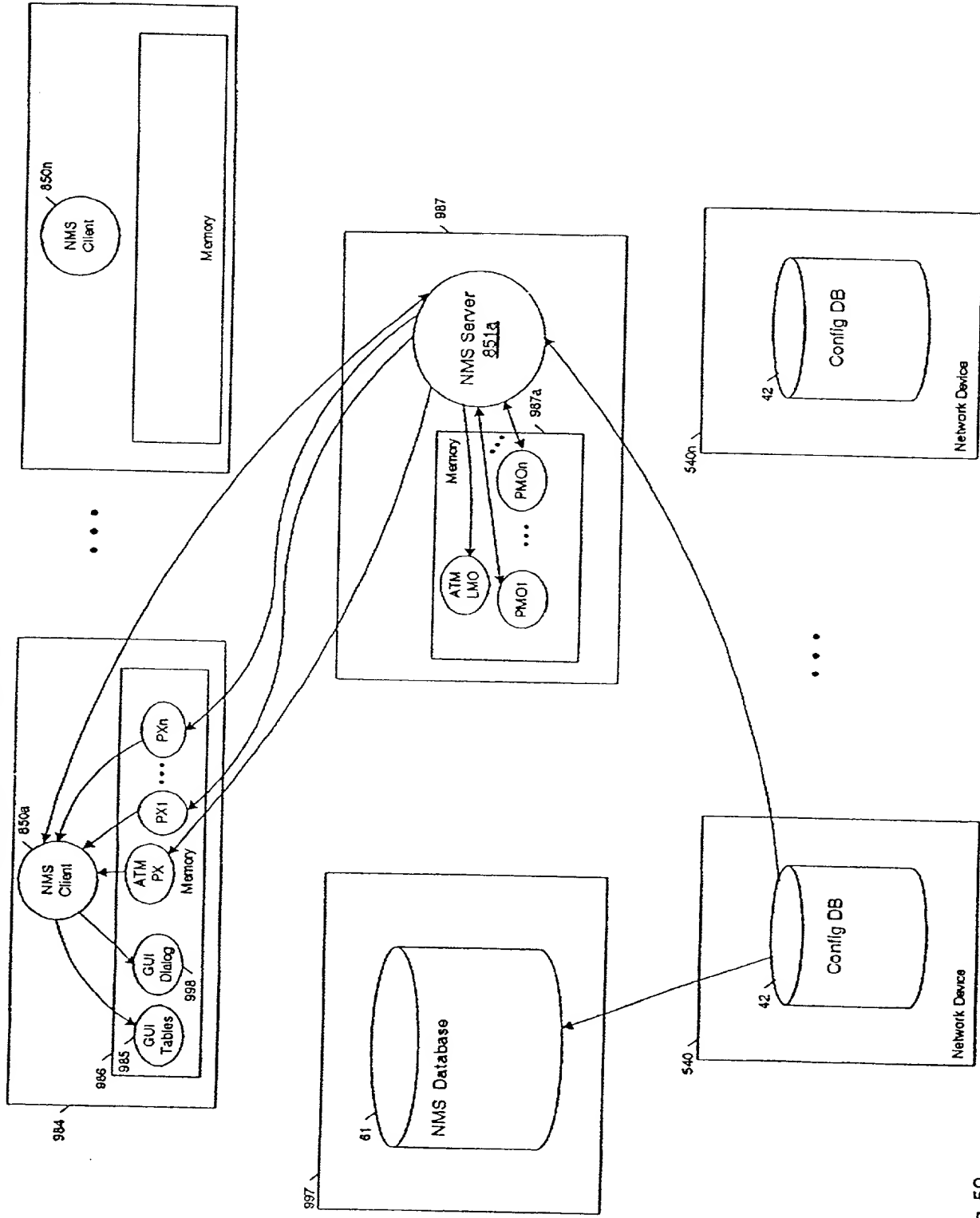


Fig. 59

Fig. 60a

Managed Device Table

983b	PID	A1	...	An	← 983
	1				983a

Fig. 60b

Chassis Table

988b	PID	A1	...	An	988c	Managed Device PID	988
	1					1	988a
	⋮	⋮	⋮	⋮		⋮	

Fig. 60c

Shelf Table

989a	PID	A1	...	An	989	Chassis PID	989b
	3					2	
	4					2	
	⋮	⋮	⋮	⋮		⋮	
	18					2	

Fig. 60d

Slot Table

990a	PID	A1	...	An	990	Shelf PID	990b
990c	20					3	
	21					3	
	⋮	⋮	⋮	⋮		⋮	
990d	116					18	

PORT TABLE

49a PID	PORT TYPE	VERSION NO.	49b CARD		49 ...
			PID	PID	
300	00620	1		20	
301	00620	1		20	
302	00620	1		20	
303	00620	1		20	
304	00820	1		20	
⋮ ⋮	⋮ ⋮	⋮ ⋮		⋮ ⋮	⋮ ⋮
400	00620	1		39	
⋮ ⋮	⋮ ⋮	⋮ ⋮		⋮ ⋮	⋮ ⋮

FIG. 60f

FIG. 60g

SONET Path Table 600

600a Path LID	Port PID	Time Slot	# of Time Slots	...
901	304	4	3	
...

FIG. 60h

Service EndPoint Table 76"

76a	76c	76d	76e	76b	
SE LID	FC PID	FC Slice PID	FC Time Slot	Path LID	...
3000				901	
...

Fig. 60i

ATM IF Table

114a		114b	114''
ATM IF LID	ATM Group LID	SE LID	...
5054		3000	...
⋮	⋮	⋮	...

Fig. 60j

Virtual ATM IF Table

993a	LID	A1	...	An	ATM IF LID	993b	993
	7489				5054		
	⋮	⋮	⋮	⋮	⋮		

Fig. 60k

Virtual Connection Table

994a	LID	A1	...	An	Vir. ATM IF LID	994b	994
	⋮	⋮	⋮	⋮	⋮		

Fig. 60L

Virtual Link Table

995a	LID	A1	...	An	Vir. Conn. LID	Cross-Conn. LID	995
	⋮	⋮	⋮	⋮	⋮	⋮	

Fig. 60m

Cross-Connect Table

996a	LID	A1	...	An	Vir. Link1 LID	Vir. Link2 LID	996
	⋮	⋮	⋮	⋮	⋮	⋮	

Fig. 61a

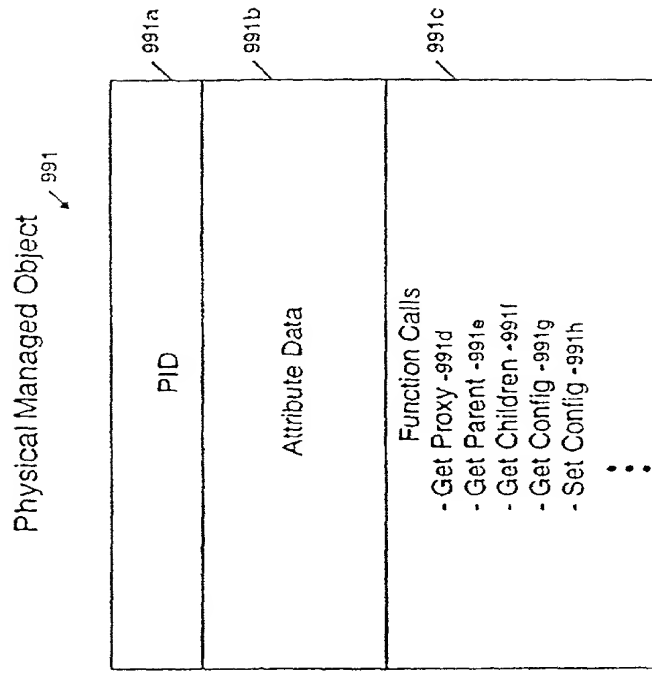
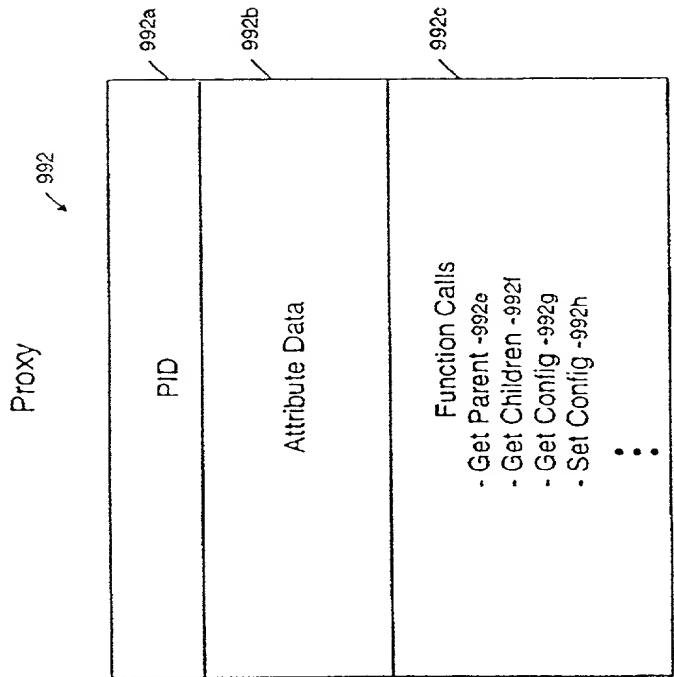


Fig. 61b



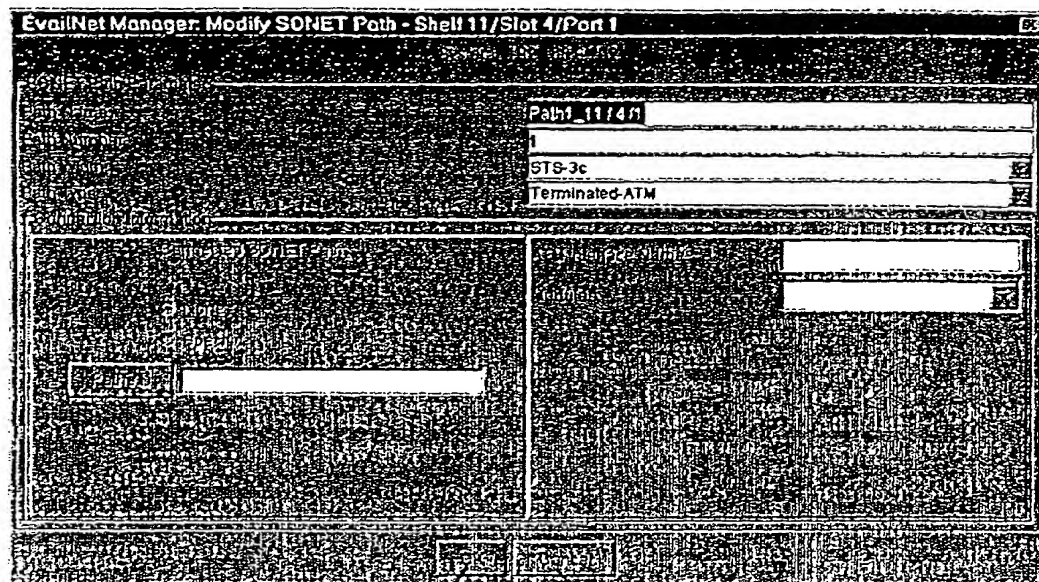
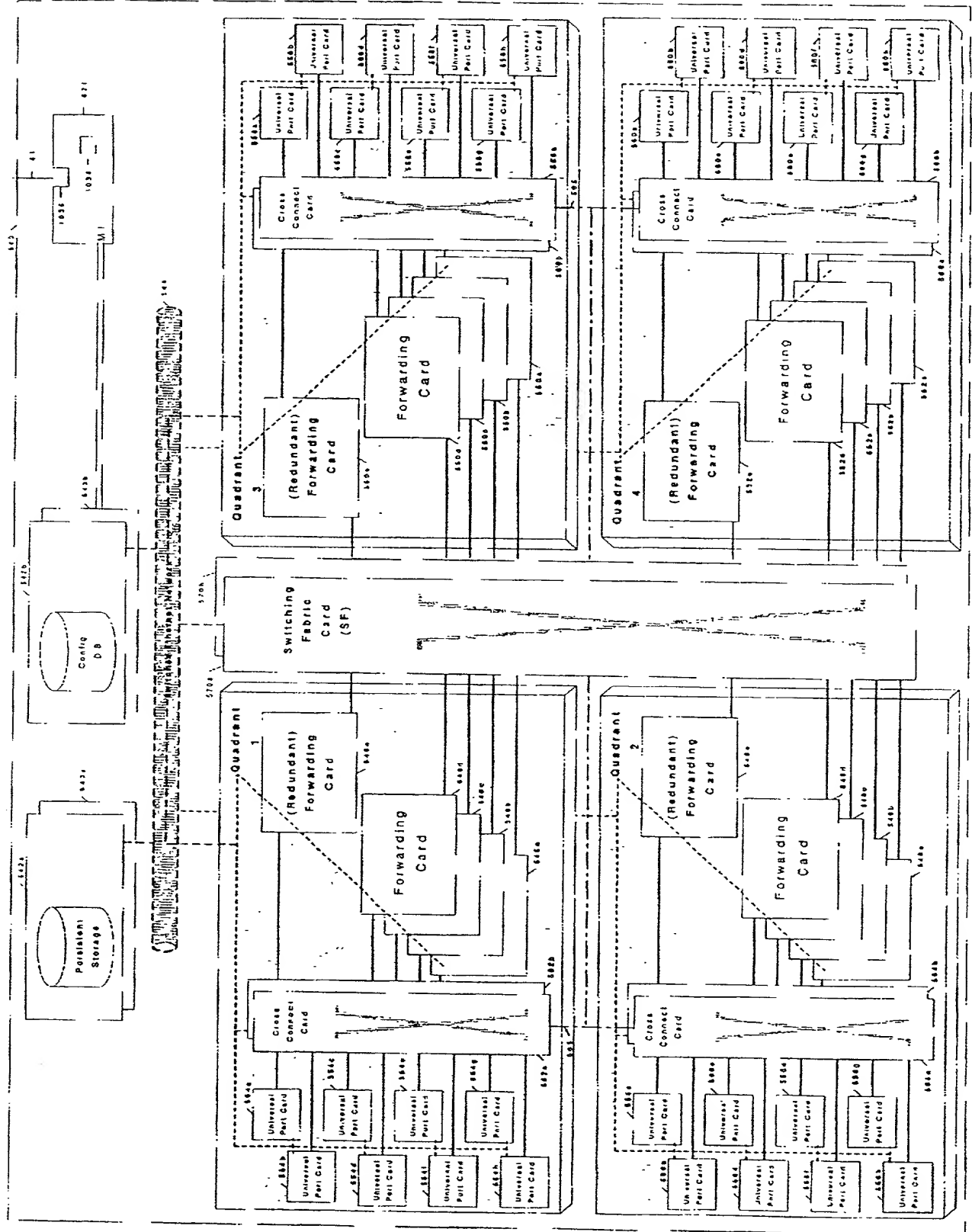


Fig. 62

T00070" 92655260

UNCLASSIFIED//FOR OFFICIAL USE ONLY

FIG. 63



Sent By: Equipe Communications;

781 795 2031;

Nov-3- 5:18PM;

Administration Managed Device Table

LID	Host Address	Port Address	Retry	Timeout	Admin. Password	Prov. Password	Viewer Password	Physical ID	Physical ID
9046	192.168.9.202	1521			team 1	team 2	team 3		
.	.	:	:	:
.	.	:	:	:

FIG. 65

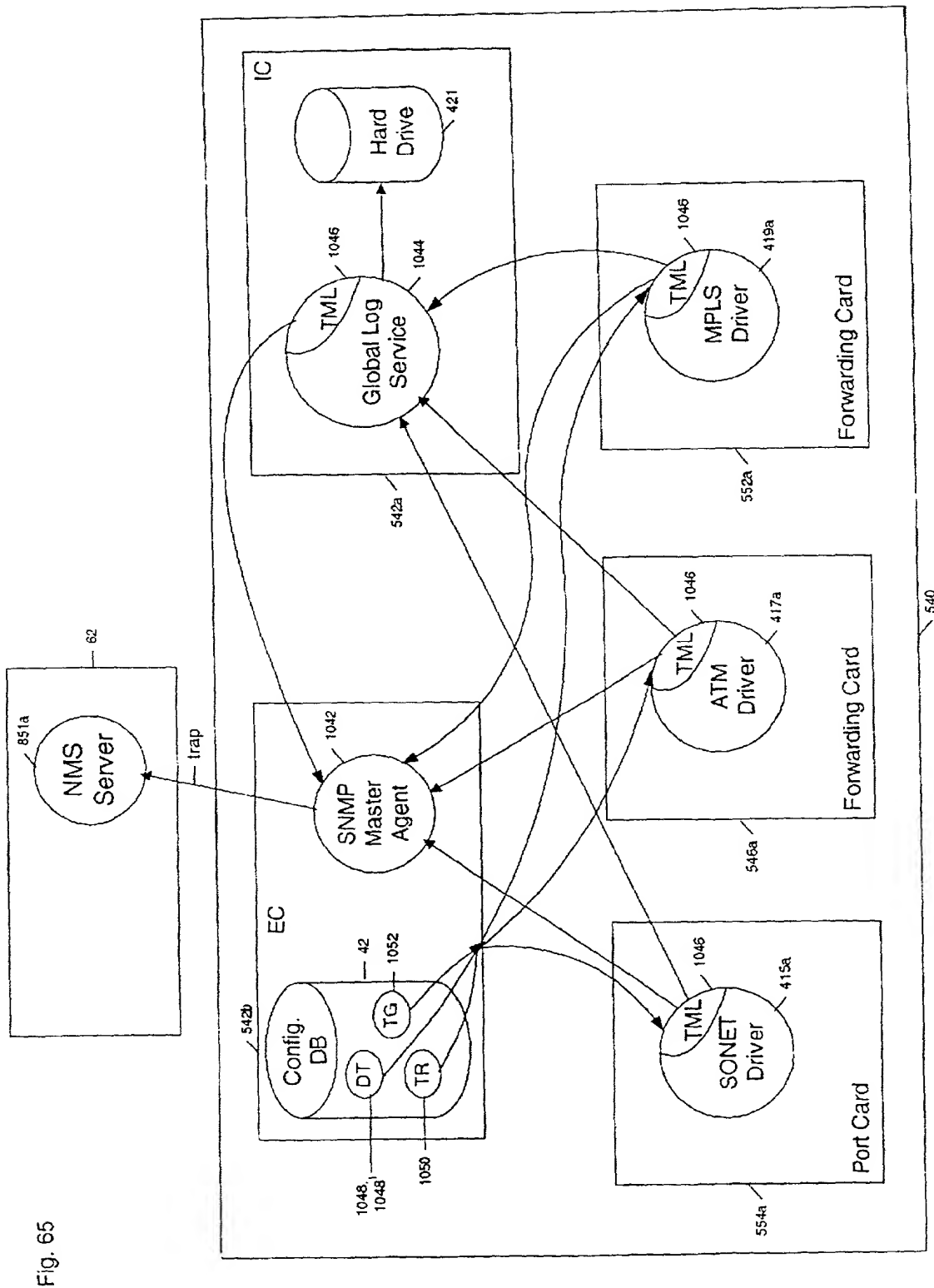
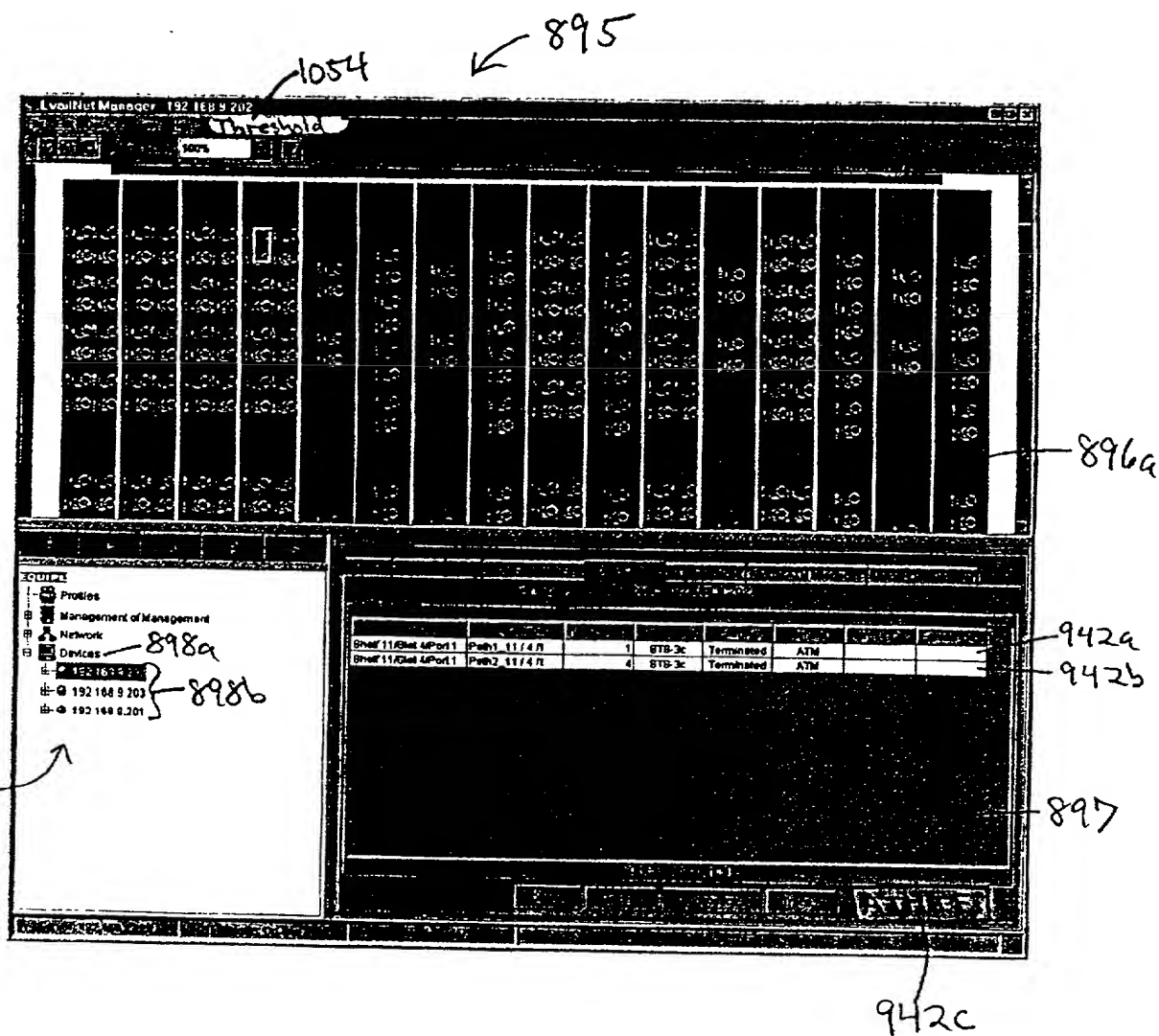


Fig. 65



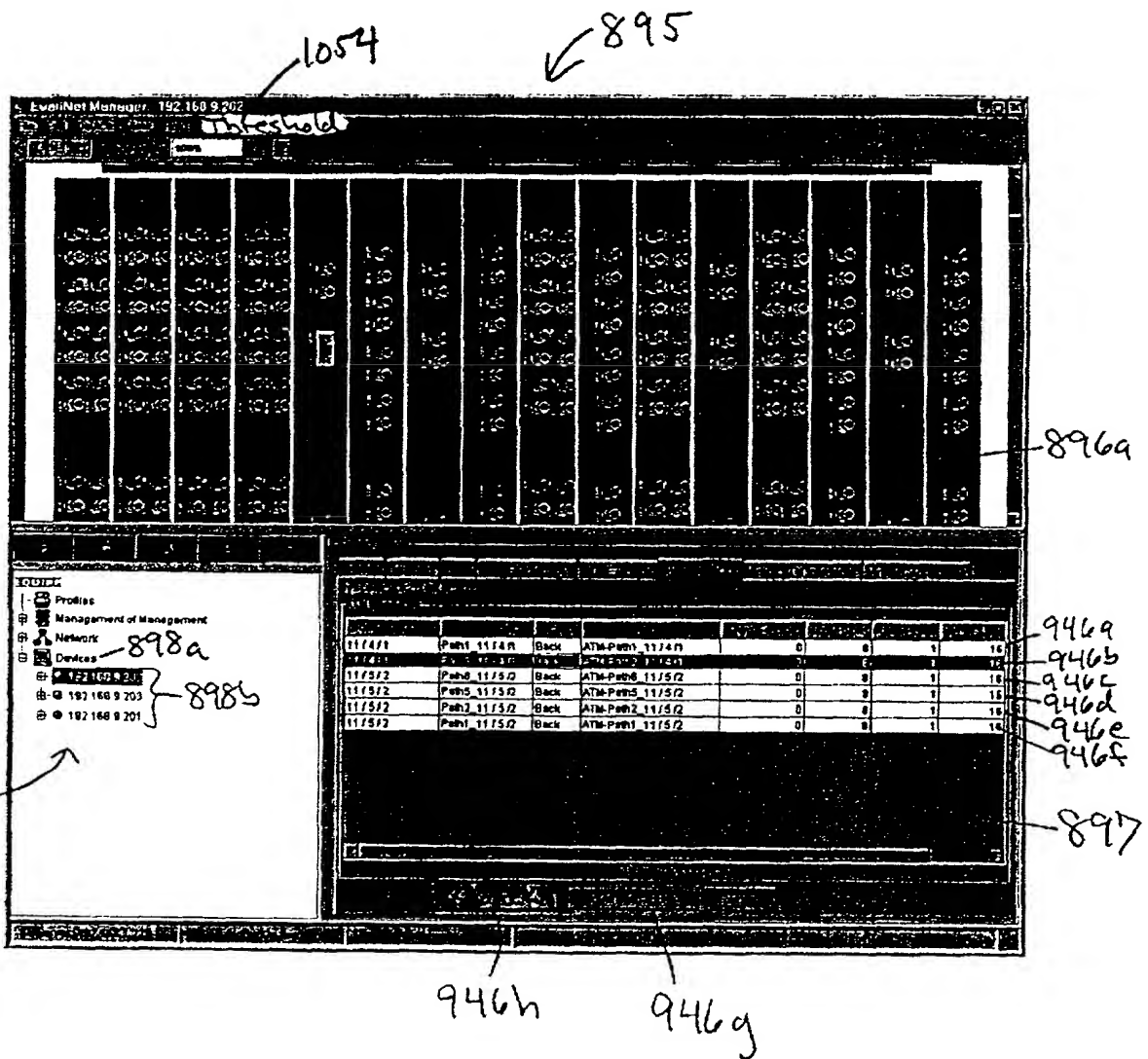


Fig. 66b

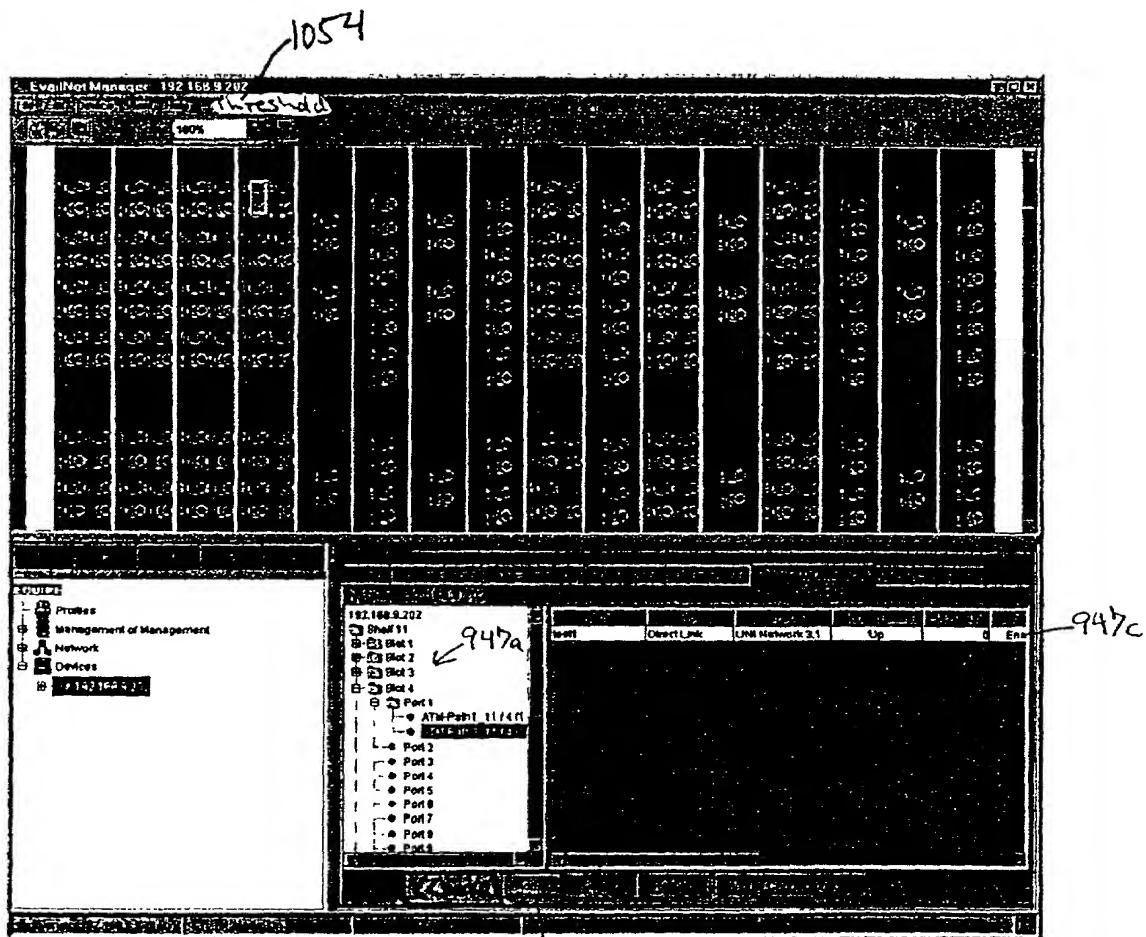


Fig. 66c

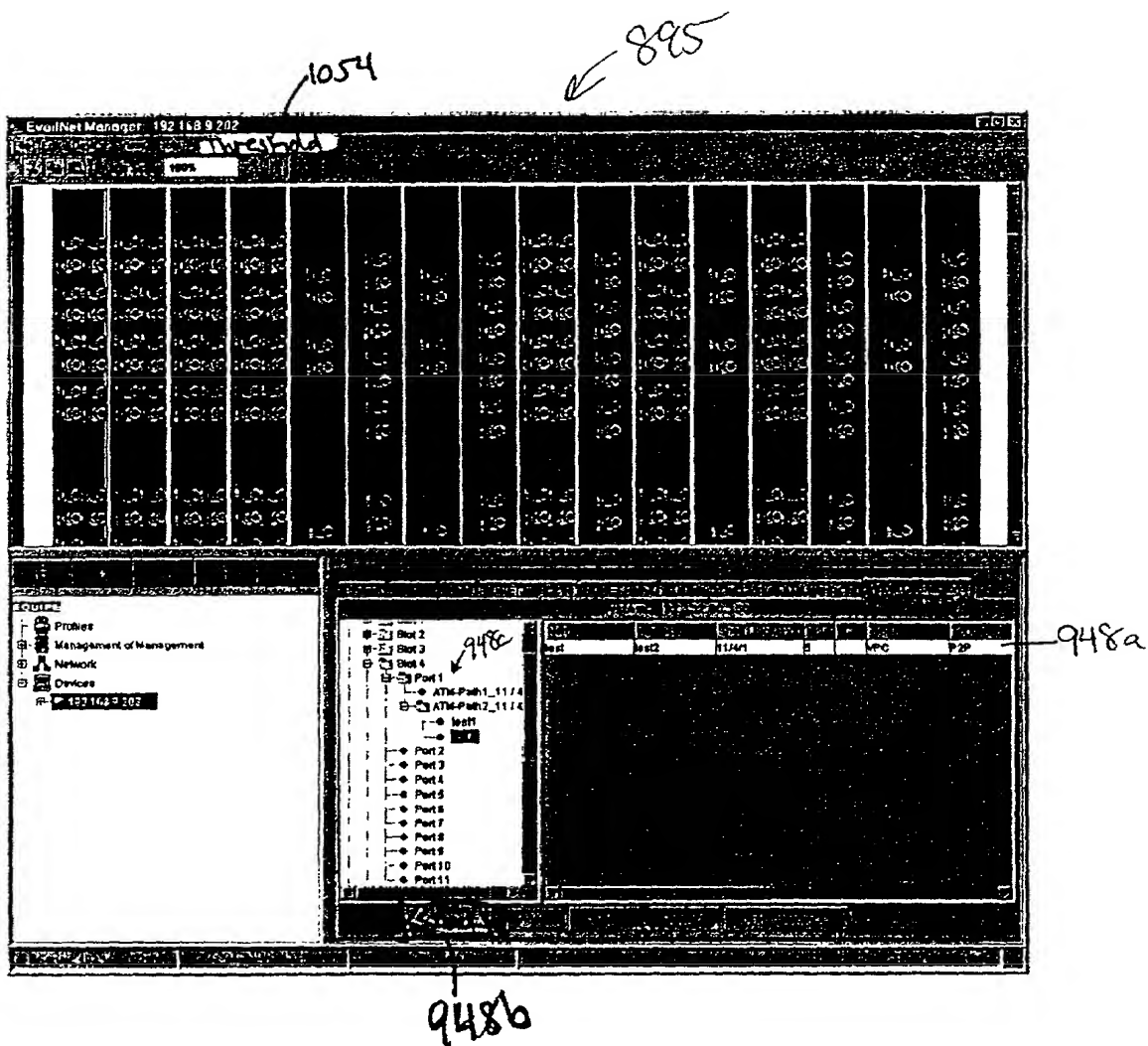


Fig. 66d

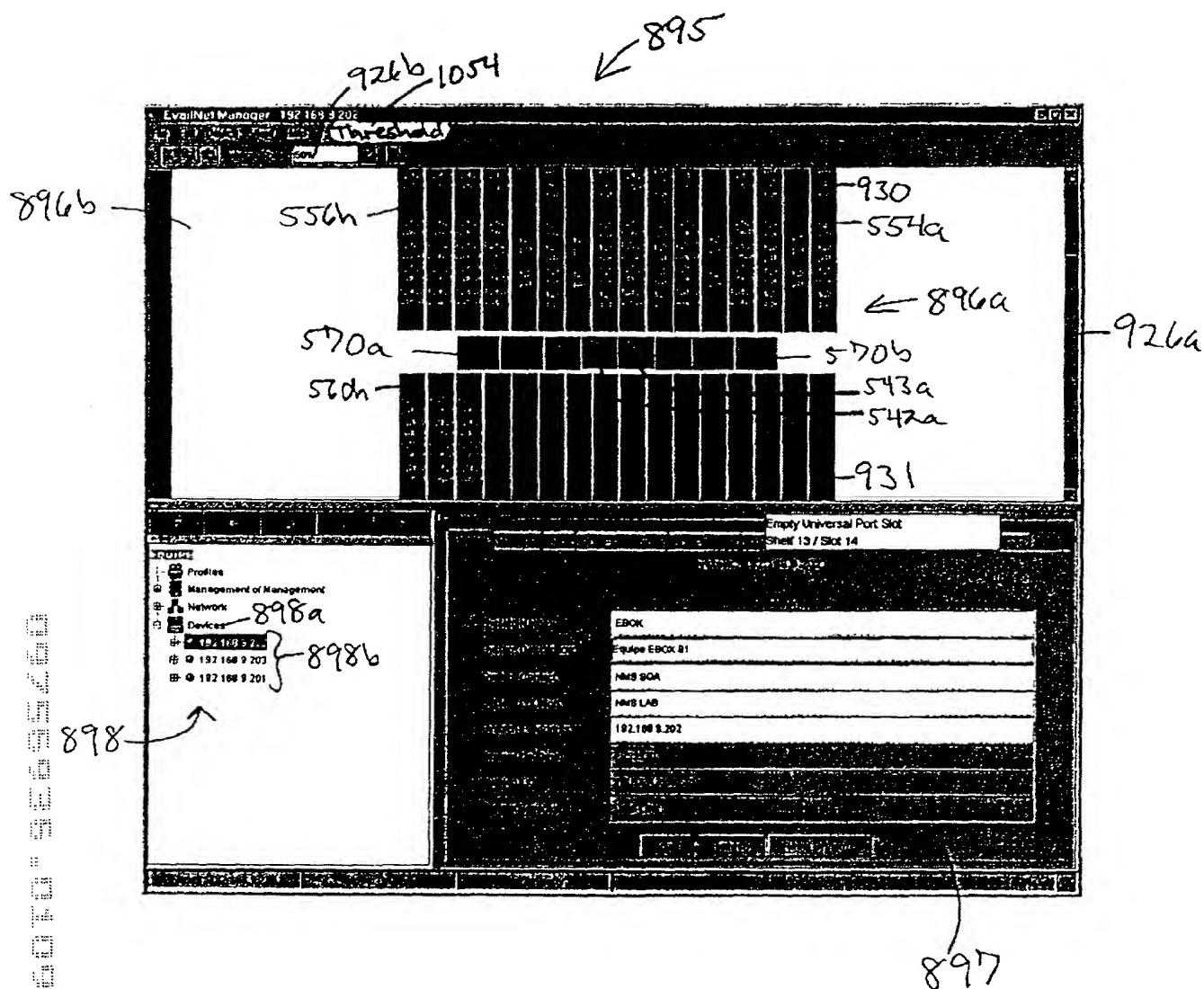


Fig. 66e

Fig. 67

1056
↙

Threshold Dialog Box

1056aResource:

1056bAttribute:

1056cThreshold Rule:

1056dSampling Frequency:

1056dAction:

1056o☐ Log

1056n☐ NMS

1056pOK

Cancel

1056j

1056k

1056L

1056m

1056f

1056g

1056h

1056i

Fig. 68

Dynamic Threshold Table

1048
↙

1048a	1048c	1048d	1048e	1048f
Resource ID	Attribute	Sampling Freq.	Action	Rule
1048g — 901	Unavailable Seconds (Path end)	15 min	Log	if attribute > 10
901	Path Errors (path end)	15 min	trap	if attribute <5 or >10
901	Path Errors (path end)	5 min	Log & trap	if attribute <5 or >10
⋮	⋮	⋮	⋮	⋮
5054	failed call attempts	10 min	trap	if attribute >8 between 8:00am-7:00pm or >2 between 7:00pm-8:00am
1048h — 5054	hcs errors	12 min	trap	if attribute >13
⋮	⋮	⋮	⋮	⋮
7312	Rx Traffic	1 hour	trap	if attribute <4
7312	Tx Traffic	1 hour	trap	if attribute =Ø
⋮	⋮	⋮	⋮	⋮

00756935-01064
006010-90895260

1048

Dynamic Threshold Table

1048a' Thr. Group LID	1048b' Resource	1048c' Attribute	1048d' Sampling Freq.	1048e' Action	1048f' Rule
8312	SONET Path	Unavailable Seconds (Path end)	15 min	Log	if attribute > 10
8312	SONET Path	Path Errors (Path end)	15 min	trap	if attribute <5 or >10
8312	SONET Path	Path Errors (far end)	5 min	Log & trap	if attribute <5 or >10
• • •	• • •	• • •	• • •	• • •	• • •
8433	ATM If	failed call attempts	10 min	trap	if attribute >8 between 8:00am-7:00pm or >2 between 7:00pm-8:00am
8433	ATM If	hcs errors	12 min	trap	if attribute >13
• • •	• • •	• • •	• • •	• • •	• • •
8542	Virtual Conn.	Rx Traffic	1 hour	trap	if attribute <4
8542	Virtual Conn.	Tx Traffic	1 hour	trap	if attribute =0
• • •	• • •	• • •	• • •	• • •	• • •

Fig. 69a

Fig. 69b

Resource ID	Threshold Group LID
901	8312
902	8313
903	8312
⋮	⋮
5054	8433
⋮	⋮
7312	8542

Fig. 70b

1050

Threshold Rule Table

1050a

1050c

1050b

Rule LID	Expression
9421	if attribute >a
9422	if attribute <a or >b
9423	if attribute > a between b-c or >d between e-f
9424	if attribute <a
9425	if attribute =ø
9426	RMON
9427	FOE
9428	if attribute <a go to rule LID b
⋮	⋮

9421 9422 9423 9424 9425 9426 9427 9428

Fig. 72a

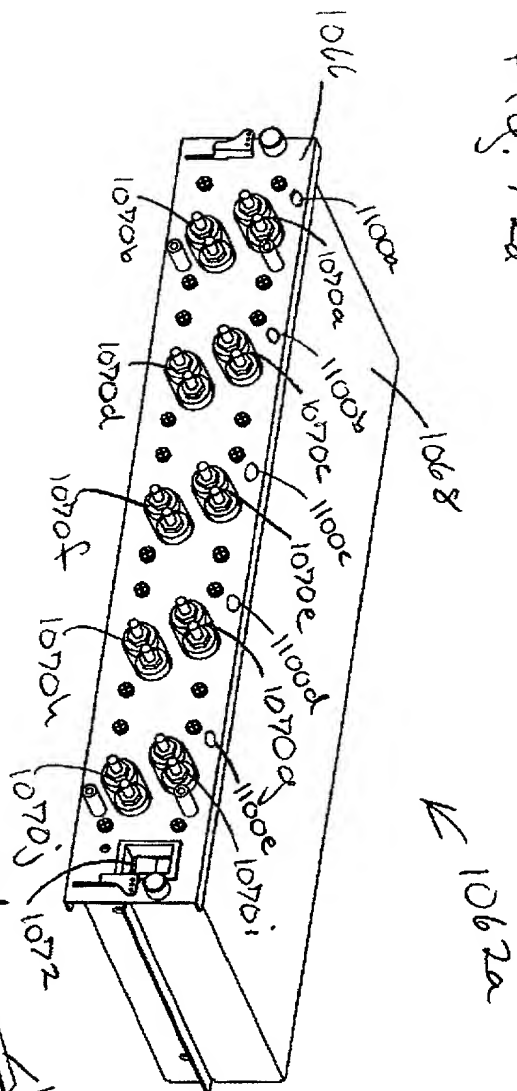


Fig. 72b

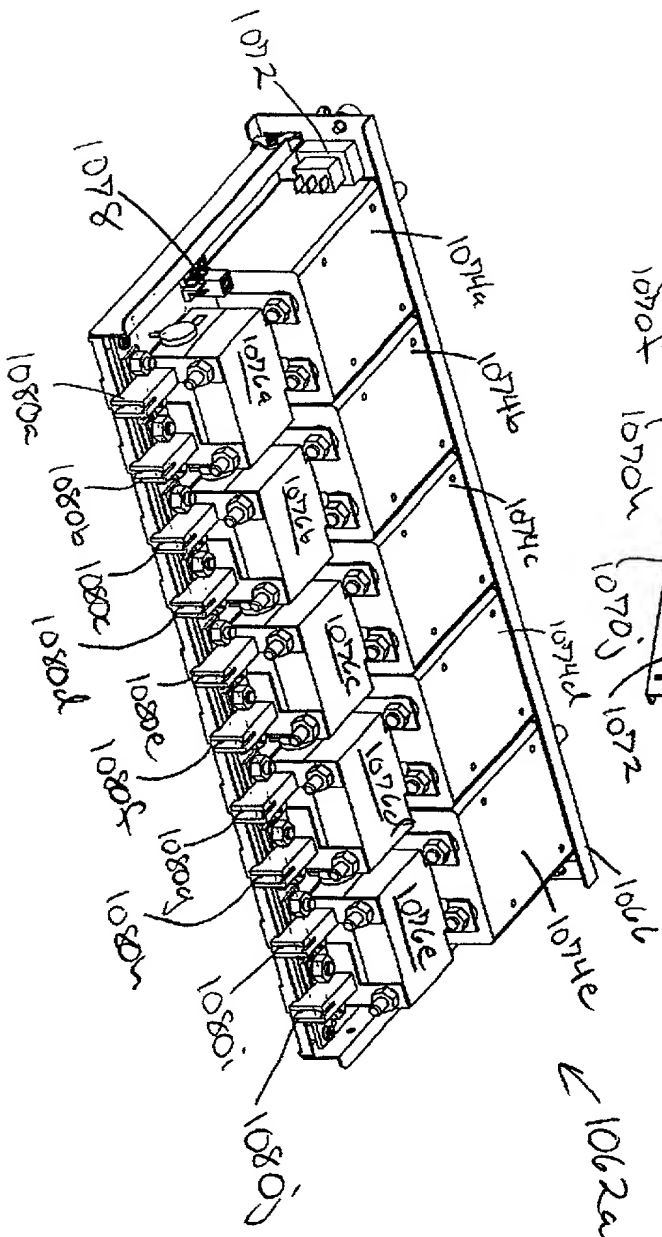


Fig. 73a

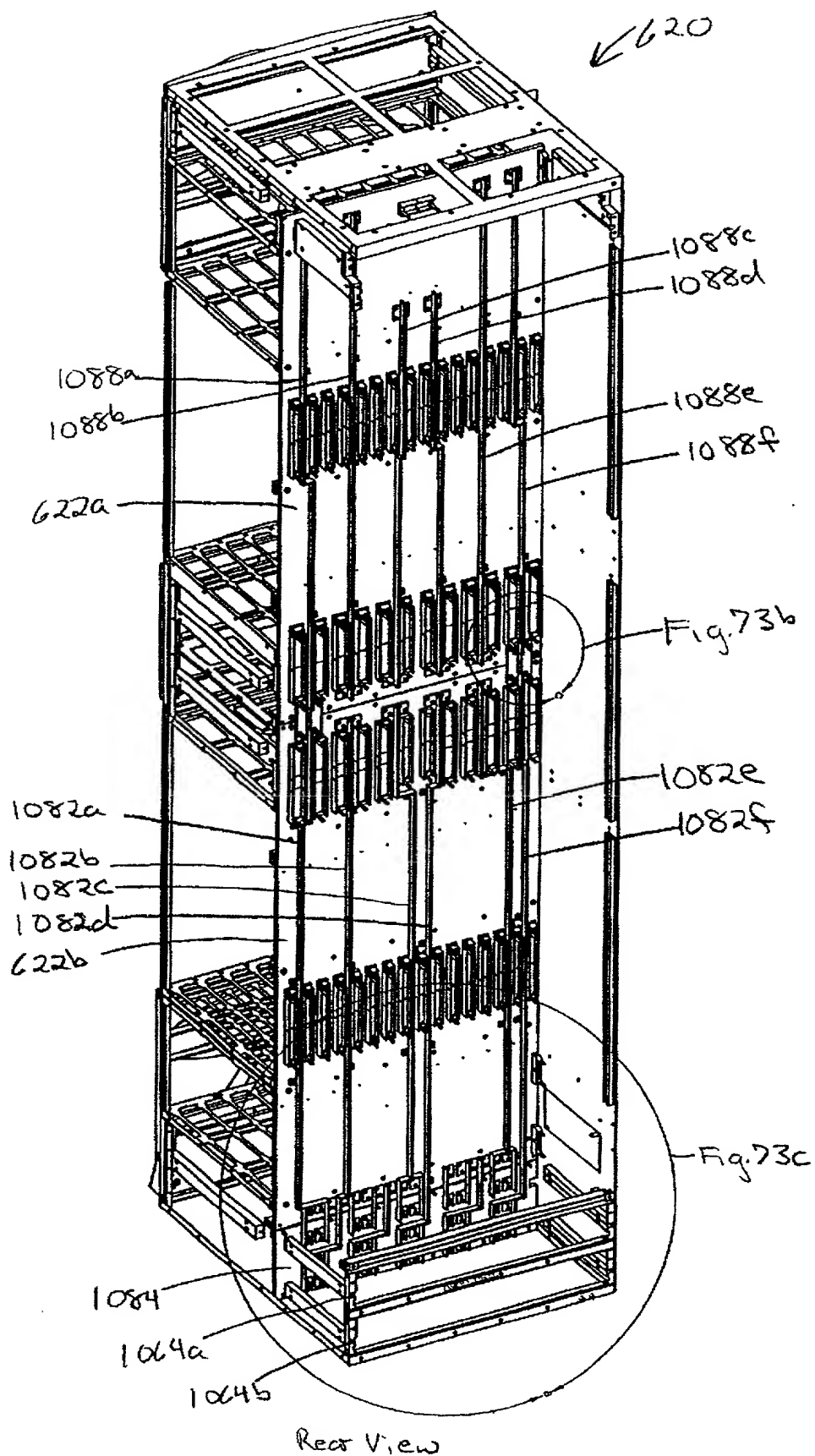


Fig. 73b

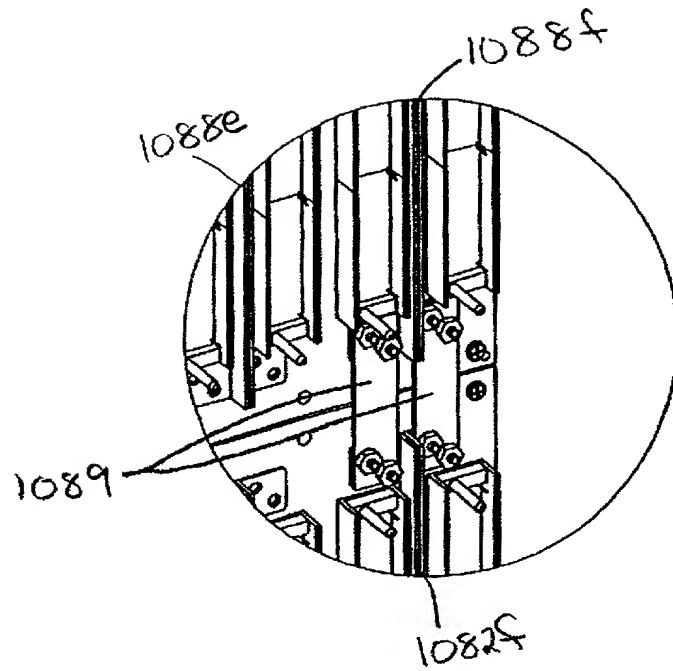
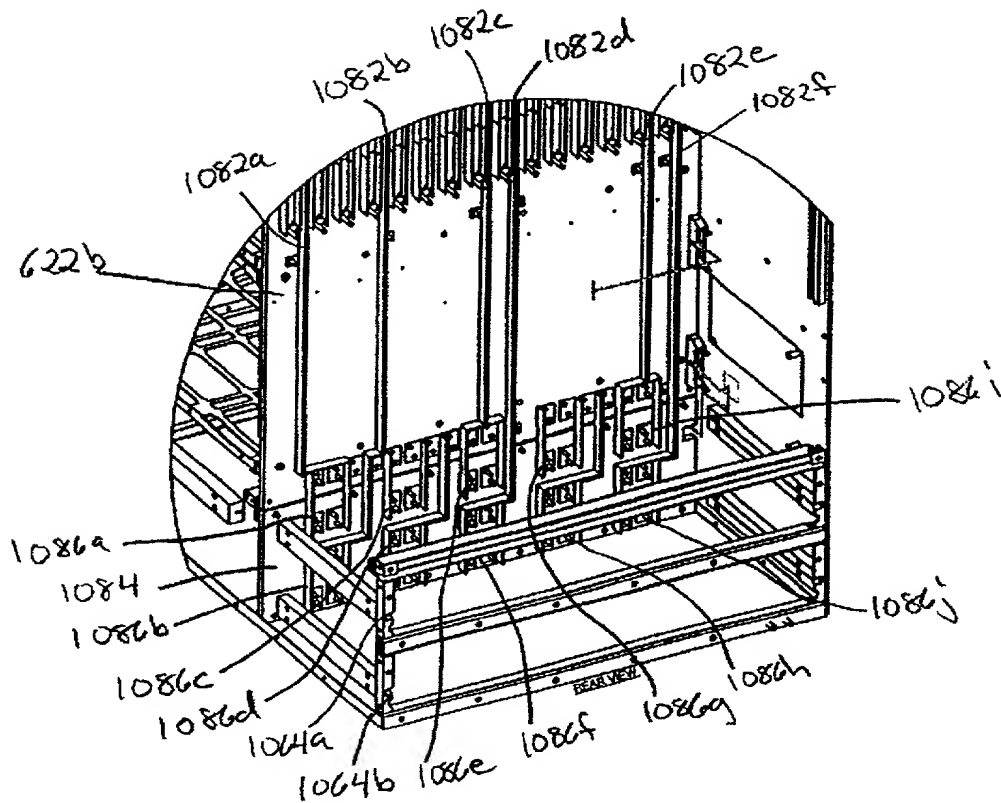


Fig. 73c



100765936-040001

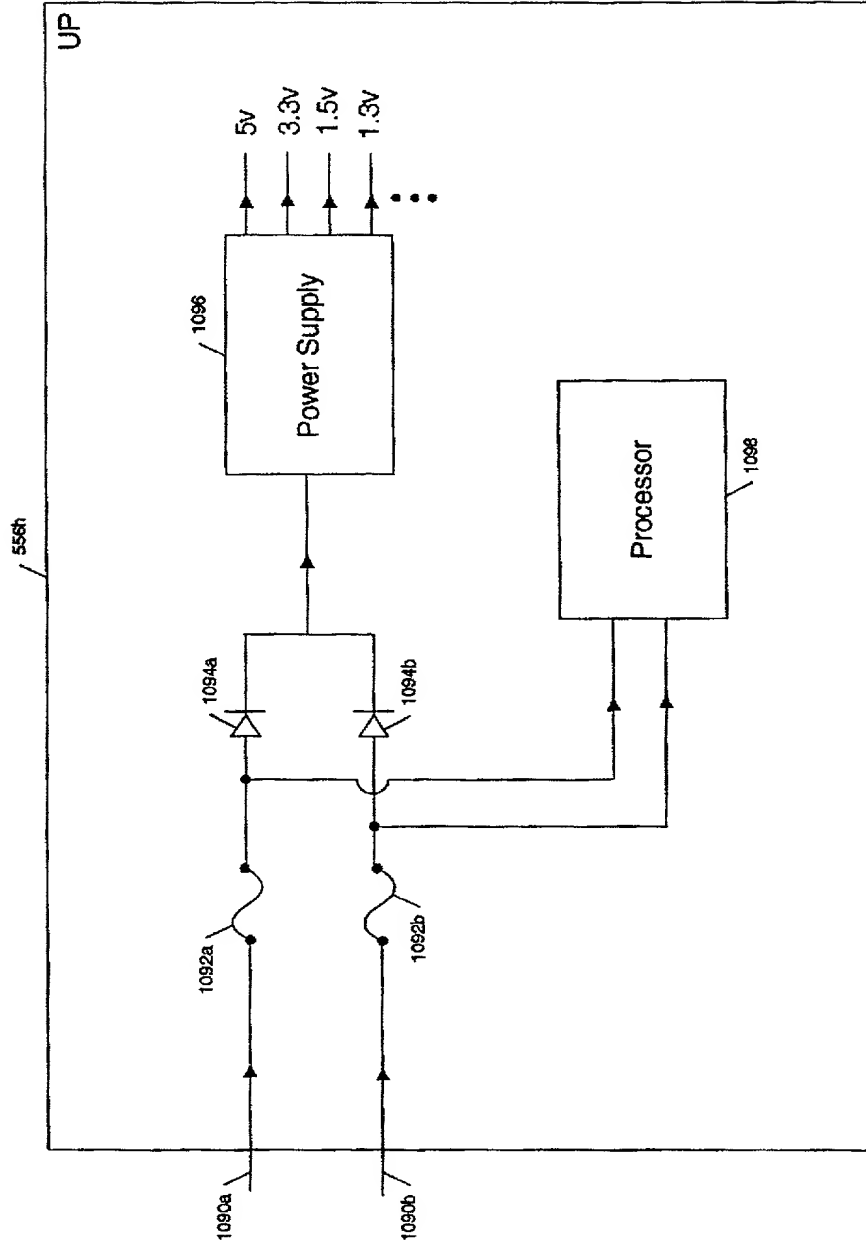


Fig. 74